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GARDEN, FLOWER AND FIELD SEED

1924

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RED BALL
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ASHEVILLE SEED COMPANY

ASHEVILLE, NORTH CAROLINA
WE SELL EVERYTHING THAT IS PLANTED



Grove Park Evergreen Lawn Grass

Beautiful lawns can be had in Western North Carolina, but good seed must be sown, and care taken to build and maintain them. Fine lawns do not just happen. By careful experiment, we have succeeded in getting a combination of grasses that will produce an evergreen lawn. Each variety of grass in the Grove Park Evergreen Lawn serves a special purpose, some being selected for their color values, others for

their hardiness; all of these varieties blended together produce the coveted thick turf and velvet appearance.

Postpaid, 1 lb. -----	\$.50
Postpaid, 5 lbs. -----	2.25
Postpaid, 10 lbs. -----	4.00
Not Prepaid, 1 lb. -----	.40
Not Prepaid, 5 lbs. -----	1.90
Not Prepaid, 10 lbs. -----	3.50

Shady Park Lawn Grass

Few grasses grow well in shaded portions of lawns or groves, hence it is necessary to sow a mixture of grasses which are adapted for growing in the shade. Our Shady Park Mixture produces an abundant and even growth of beautiful grass in the shade.

Postpaid, 1 lb. -----	\$.60
Postpaid, 5 lbs. -----	2.75
Not Prepaid, 1 lb. -----	.50
Not Prepaid, 5 lbs. -----	2.40
Not Prepaid, 10 lbs. -----	4.50

How To Secure A Beautiful Lawn

THE PREPARATION OF THE SEED BED

All weeds, roots, and other debris should be removed and the soil stirred thoroughly to the depth of eight or ten inches. Of course large areas can only be plowed and disked; however, small lawns should be spaded and pulverized like garden soil prepared for the reception of small seed.

FERTILIZATION

Grass seed send out long feeding roots which absorb a large quantity of plant food in making heavy green turf. It is necessary to mix fertilizer to the depth of eight or ten inches to supply this plant food. The class of fertilizer used will have a direct bearing on the finished lawn. To avoid numerous noxious weeds that always come by the use of fresh manure, we advise fertilizing your lawn with Pulverized Sheep Manure, a natural fertilizer, free from all weed seed. Ground Bone Meal is also valuable as an enricher of lawns and a top dressing. Bone Meal or Sheep Manure, or a mixture half of each, should be applied at the rate of 30 lbs. for 300 square feet, or 1,000 lbs. for an acre. As a top dressing, 500 lbs. for an acre or 15 lbs. to 300 square feet.

Ants, which frequently infest lawns, can easily be driven off by the use of Tobacco Dust, which is also a good fertilizer. See Page 49.

LIMING THE SOIL

The soil in this section is lacking in lime, and blue grass particularly requires lime. We recommend the use of Pulverized Limestone at the rate of 100 lbs. to 300 square feet or 3 to 4 tons to the acre.

SOWING THE SEED

For spring sowing, Lawn Grass Seed should be sown as early as possible, from February to May, or if in the fall, from September to the last of November. Many people follow the practice of sowing lawn grass seed on top of snow with very great success. As the snow melts, the seed is carried to the proper depth. Thick seeding gives the best results. It should be sown at the rate of 1 lb. to 300 square feet or 100 lbs. to an acre. The seed should be carefully and evenly sown, lightly raked in, and afterwards, provided the soil is not too wet, rolled or made firm by patting down with the back of a spade. This packing brings the seed in close contact with the soil and prevents drying out; it also gives a quicker and a more even germination.

Lawns should not be neglected. The grass should be kept cut, rolled if possible, and watered in dry weather. Bare spots must be re-seeded if the lawn is to present a velvet appearance. See back pages of this catalog for Lawn Mowers, Rollers, Tools, and Fertilizers.

ORDER BLANK FOR SEEDS, ETC.

ASHEVILLE SEED COMPANY gives no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

ASHEVILLE SEED COMPANY
ASHEVILLE, N. C.

Please Do Not Write Here

Date Received_____

Date Filled_____

Filled By_____

Shipped By_____

Order Number_____

Date_____192_____

PLEASE FILL IN THESE BLANKS PLAINLY

Dear Sirs:

Please send the following Seeds, etc., by-----
(State here if wanted by Mail, Express or Freight)

Name_____P. O. Box_____

Postoffice_____R.F.D._____

County _____ State _____

Express or Freight Office_____

(If different from Postoffice)

Amount Enclosed

Check_____

P. O. Money Order_____

Exp. Money Order_____

Cash_____

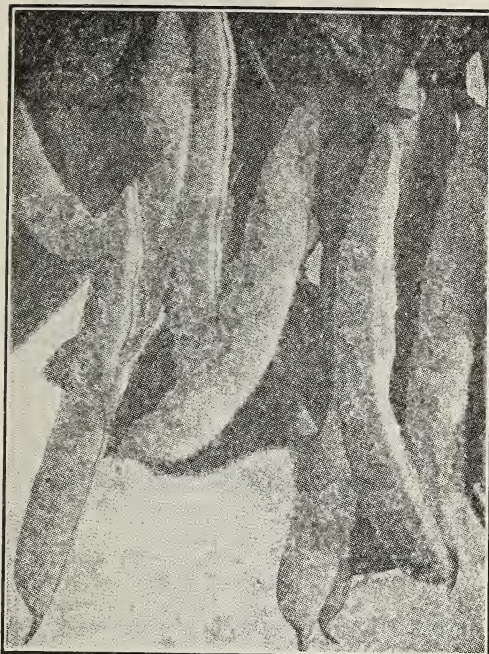
Stamps_____

ABOUT PRICES—We pay postage on PACKETS, OUNCES, AND QUARTER POUNDS; all prices in this Catalogue, excepting where otherwise noted, are based on customer paying Express or Freight. See Parcel Post Rates, Page 3.

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PLEASE TEAR OUT ORDER SHEET WHERE PERFORATED

DWARF OR BUSH (SNAP) BEANS



Improved Early Red Valentine Beans

CULTURE—Beans are very sensitive to both cold and wet. For the earliest crop, plant just as soon as the weather gets warm—in this section about the first of April. To have a succession, plant every two weeks throughout the summer until the middle of August. Make the rows 2 to 3 feet apart, drop the beans 3 inches apart and cover $1\frac{1}{2}$ to 2 inches deep. Give frequent but shallow cultivation up to blossoming time, not afterward, and never when the plants are wet. Plant in a light loamy soil that warms up quickly.

One pound will plant 60 feet of drill; 100 pounds to an acre in drills.

Extra Early Red Valentine

A standard variety, extra early in maturing, and bears pods which are round, long, slightly curved, and of excellent quality. The extreme hardness of this bean accounts for its popularity in this section as the first early bean. The Red Valentine germinates in cold ground when other sorts fail. Our improved strain of this excellent variety has been selected especially for earliness and good quality. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

Tennessee Green Pod

This well known variety is almost as early as the Red Valentine. The productive plants bear handsome flat pods of light green color and excellent quality. Unlike most early beans, the quality remains good throughout its bearing season. The hardy and exceedingly prolific tendencies of the Tennessee Green Pod accounts for its popularity as early bunch beans. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

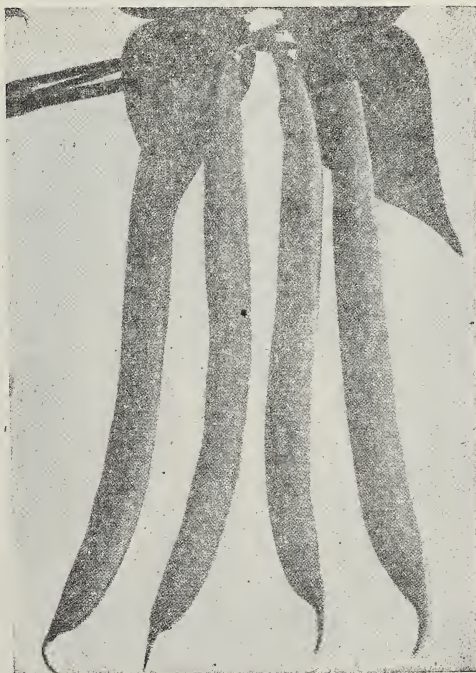
Burpee's Stringless Green Pod

This famous and popular Bean is still unequaled as an early stringless green pod variety. It is stringless, ripens early, and remains crisp and tender long after maturing. The vines bear long, round, thick and very meaty pods, entirely free from strings. The attractive deep green color and unusual quality of these green pods has placed them in high favor. It has given entire satisfaction everywhere. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

Giant Stringless Green Pod

Exceptionally fine for either home use or market; ranks among the earliest, yet in quality has no superior. The pods are round, 5 to 6 inches long, meaty, perfectly stringless, and are borne continuously for weeks. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

One pound equals about one pint; two pounds equals about one quart; five pounds equals about two and one half quarts; fifteen pounds equals one peck; sixty pounds equals one bushel.



Burpee's Stringless Green Pod

Dwarf Or Bush Beans—Continued

Black Valentine

Beautiful large pods about 6 inches long, slender, round and nearly straight; stringy, fibrous, though fine grained, dark green in color; seed black. An early, productive, profitable gardener's variety. Plant more vigorous and productive than Red Valentine and pods darker green. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

Fordhook Favorite Bush

A new, white seeded, high quality bean. Pods are $5\frac{1}{2}$ to 6 inches long, straight, almost round, thick and meaty and showing marked depressions around the beans; strictly stringless and medium green in color; medium early and moderately productive. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

Bountiful Or Early Six Weeks

Best of the flat-podded stringless varieties. Pods $6\frac{1}{2}$ to 7 inches long, stout, flat and slightly curved, stringless, slightly fibrous, attractive and of fine quality; color, light green. Very early, vigorous, hardy, and productive. This variety may also be grown as a shell bean for winter use. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

Refugee Or Thousand-To-One

A very productive, hardy, vigorous late sort, much in favor with the canning trade. Pods 5 to $5\frac{1}{2}$ inches long, somewhat slender, round and slightly curved; almost stringless; fine grained and good quality; color, light green. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.



Extra Early Refugee Beans

Shell Beans

These are grown exclusively to be used as shell beans, either green or dried for winter. Plant them in vacant places in your garden; they are always useful.

IMPROVED WHITE KIDNEY—A most excellent white, kidney-shaped field bean. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

RED KIDNEY—A vigorous grower and very productive. These large red kidney-shaped beans are extensively used as shell beans. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

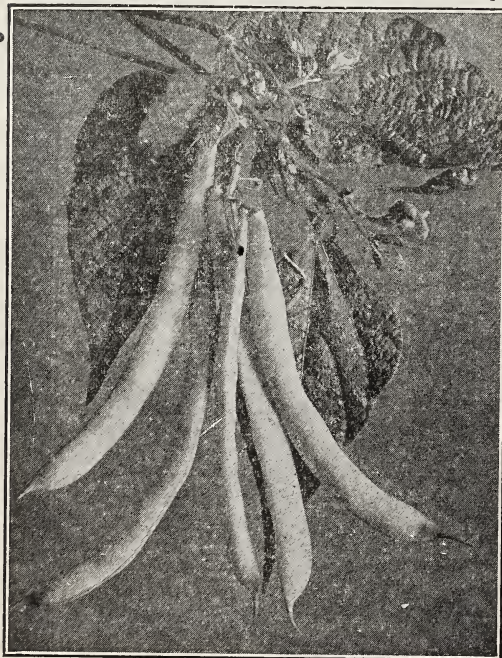
WHITE NAVY BEANS—It is the most popular bean grown for market, and at the same time one of the most profitable. We strongly recommend planting a larger acreage in this section. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

Wax Podded Bush Beans

DAVIS KIDNEY WAX—The vigorous vines are very prolific, bearing waxy white pods 7 inches long; the Davis Kidney Wax is the finest appearing of all early wax beans. The white kidney-shaped beans make splendid shell beans for baking, but when grown for snap beans in the home garden they should be used while young and free from strings. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

DWARF GOLDEN WAX—For a number of years this variety has been popular with the home gardeners. The attractive golden yellow pods are fleshy, semi-round, long, and of fine quality. The matured beans are excellent for winter use as shell beans. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

DWARF BLACK WAX—One of the earliest wax podded varieties. Pods are 4 to 5 inches long; round, meaty, brittle and stringless, golden yellow, of excellent flavor; very prolific. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.



Dwarf Golden Wax Beans

POLE OR CORNFIELD BEANS

Culture

Pole Beans are more sensitive to cold than the bush kinds, and should not be planted before the ground is warm—two or three weeks later than bush beans. Set poles 6 to 8 feet long, 3 to 4 feet apart, in 4 foot rows and plant 5 or 6 beans 2 inches deep around each pole. They may also be planted in the cornfield and allowed to run up the stalk. More troublesome to grow than bush beans, although they are of better quality and bear longer and more profusely. One lb. will plant 100 hills; 30 lbs. to the acre.

White Kentucky Wonder Or Burger's Stringless Green Pod

The pods are borne in clusters, are uniformly straight, meaty, entirely stringless, tender, of mild flavor. The pearly white beans make splendid dry beans. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.

Kentucky Wonder Or Old Homestead

The most popular of the pole green-podded snap beans. The long pods, often 9 to 10 inches in length, are borne in large clusters; pods are nearly round, fleshy, stringless and very showy; an early and most prolific variety. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.

Lazy Wife

A superior variety for home gardens. Also as a field bean among corn. Has large, green, very tender pods of delicious flavor. They are broad and thick, and are stringless until quite large. Very desirable for cooking in the pod or as a shell bean. The dried beans are round, pure white. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.

Striped Creaseback Pole Or Cornfield

Very early, yet bears for a long season. The rich dark green pods borne in clusters are 6 to 8 inches long, of excellent flavor, tender and stringless. Very popular for growing in corn. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.

White Creaseback

Extremely early, very productive. Pods are borne in clusters from 4 to 6 inches in length; broad, thick, solid, fleshy and stringless. Well adapted for shipping to distant markets. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.

October or Horticultural, Wren's Egg or Cranberry

Pods short, broad, pale green, streaked with bright red as they mature. Beans are large, oval, flesh-colored, splashed and spotted with wine red and of the highest quality, either green or dry. Many like this variety better than the Limas. Especially adapted for mountainous districts, short seasons and cool locations. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.

Cut Short Or Corn Hill

An old variety, very popular for planting among corn, and it will give a good crop without use of poles; vines medium, pods short, cylindrical and white, covered at one end with reddish brown dots. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.



Kentucky Wonder Pole Beans

White Dutch Case Knife

Green snap pods 7 to 8 inches in length. Very straight and flat, stringy, brittle and of good quality; mid-season, best as a shell bean. Beans very flat and ivory white. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.

Early Golden Cluster Wax

The grandest yellow-podded Pole Bean in cultivation. Pods are produced in clusters of from 4 to 6 inches long the entire length of the vines, and are fit for use a long time after reaching maturity. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 2 lbs. 65c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.

SELECT LIMA BEANS

Plant More Lima Beans For Boiling, Baking And Canning

While Lima Beans are rapidly growing in popularity, this excellent table food is still not grown so extensively as it merits. Lima Beans have a rich and delicate flavor that is not found in other types of beans, and for this reason are unexcelled for baking, boiling, or canning. They are largely used as green beans cooked either alone or with sugar corn. As a dried bean they

keep as well as other types in any climate and are more nutritious food than the latter.

Lima Beans should not be planted until the ground is warm and all danger of frost is over. The germination of practically all Limas is not as high as ordinary beans, hence a liberal planting is necessary and cheaper in the end.

Dwarf Or Bush Lima Beans

CULTURE—Bush Limas are planted for early crop, since they come into bearing much sooner than pole varieties. The dwarf varieties are not as prolific as the Pole Lima Beans, but they produce a good crop of equal quality and are not so difficult to grow; always plant the eyes down, dropping 3 beans 15 inches apart in rows 3 feet apart. The bean should be covered from $1\frac{1}{2}$ to 2 inches deep.

"BURPEE'S IMPROVED BUSH LIMA"

The pods are truly enormous in size, borne abundantly and well-filled with handsome beans, which are both larger and thicker than those of the popular Burpee's Bush, and fully 8 days earlier. The bushes when full grown are 30 inches high and 24 inches in diameter. The beautiful pods measure 5 to 6 inches long and are borne in clusters of 4 or 5 pods. The beans are of first quality. One lb. will plant 60 hills, 60 lbs. to the acre. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c. Not Prepaid, lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25.

FORDHOOK BUSH LIMA

This is without a doubt the best type of Bush Lima Bean in cultivation. It grows upright and does not come in contact with ground. The vigorous plants bear pods in clusters, each pod containing 4 to 5 large, thick beautiful green beans. No other variety can compare in quality with the sweet and tender Fordhook. Matures very early and continues bearing until frost. One lb. will plant 60 hills, 60 lbs. to the acre. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c. Not Prepaid, lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25.

HENDERSON'S BUSH LIMA

Pods short and flat, delicious flavor. The earliest of Bush Limas; two weeks earlier than any of the pole varieties. It is small in size, but the great productiveness and delicious flavor of Henderson's Bush Limas has made it a favorite of good housekeepers. An excellent sort for canning. One lb. will plant 100 hills; 30 lbs. to the acre. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c. Not Prepaid, lb. 30c; 5 lbs. \$1.35; 10 lbs. \$2.50.

All prices in th's catalog are subject to change without notice. Orders will be filled at lowest prevailing price the day received.

Tall Or Pole Lima Beans

CULTURE—Plant 3 or 4 beans to the hills 3 ft. apart in 3 or 4 ft. rows. It is necessary to provide poles 6 to 8 ft. long for each hill. The beans will make a very rapid growth if a small shovel full of well rotted cow manure is added to each hill when the poles are set. All Pole Limas are exceedingly prolific and are preferred by truck gardeners.

KING OF THE GARDEN POLE LIMA

An improved strain of large white, of more prolific character and with larger pods and beans. Large early crops and bears until frost. Only two plants should be allowed to one hill. One lb. will plant 60 hills, 60 lbs. to the acre. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c. Not Prepaid, lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25.

CARPENTERIA LIMA, LARGE GREEN SEEDED

This is the highest standard in Pole Lima quality; many growers claim that Carpentaria is "The most perfect Pole Lima Bean." The fine quality of this strain is shown in the beautiful green tint of the large, handsome beans which fill the rich colored pods. The velvety green tint remains long after the bean becomes dry, which proves that the quality endures. Carpentaria produces strong, vigorous vines which send out many runners to bear great quantities of pods, each containing 4 large beans. The beans are thin-skinned, extremely tender, and of fine flavor. One lb. will plant 60 hills, 60 lbs. to the acre. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c. Not Prepaid, lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25.

FORD'S MAMMOTH PODDED

One of the largest podded and heaviest cropper of all Pole Limas. The vines are vigorous growers and bear enormous pods filled with 4 and sometimes 5 beans of rare flavor and quality. It matures early and bears until frost. One lb. will plant 60 hills, 60 lbs. to the acre. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c. Not Prepaid, lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25.

CAROLINA SEIVA OR SMALL SEEDED POLE LIMA

"The Butter Bean of the South." These grow quickly, mature early, and are extremely prolific. The beans are small and white, on the order of Henderson's Bush Lima. They make a dried bean of superior merit. One lb. will plant 100 hills; 30 lbs. to the acre. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c. Not Prepaid, lb. 35c; 5 lbs. \$1.60; 10 lbs. \$3.00.



Ford's Mammoth Podded Pole Lima

GARDEN OR TABLE BEETS

Culture

Beets thrive best in rather light, mellow and deep-worked soil which has been thoroughly enriched with well-rotted manure or fertilizer, which should be well mixed with soil. Sow in drills 2 ft. apart and thin out the plants to 4 inches apart in the drills. For a small garden the drills need not be more than 12 to 15 inches apart. One ounce will sow 50 ft. of drill, 6 to 8 lbs. to the acre.

Early Red Ball Beet

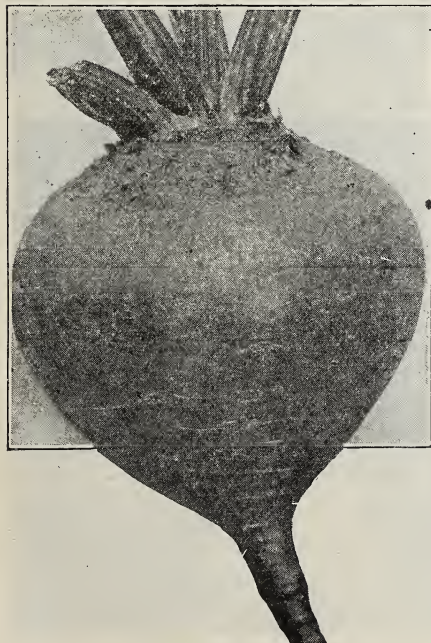
This variety has proven to be the best red turnip beet, not only for the market gardener, but for home use. It is also by far the best for canning, making a strikingly handsome product, much superior to that obtained from any other sort. Root globular and very smooth; color of skin, dark blood red; flesh, deep red; very crisp, tender and sweet, and remaining so for a long time. Postpaid, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Crosby's Improved Egyptian

An improvement on other Egyptian sorts, being as early, and of more desirable shape, color and quality. Is being more largely planted for early market by truckers and shippers; and has proven very profitable and satisfactory, being very sweet and tender. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Detroit Dark Red Turnip

A very fine strain of turnip-shaped beet. Top small, upright growing, thus permitting close planting. Color of skin, dark blood red; flesh, bright red. Quality is of the very best, sweet, tender, and lasting. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



Detroit Dark Red



Crosby's Egyptian

Improved Early Blood Turnip

A superior selection of Blood Turnip Beet. Dark red, fine flavor. It forms medium-sized, sound, half-flattened bulbs. Good for late or early planting. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Crimson Globe

The interior is a rich, deep crimson, and fine grained in texture. The foliage is deep blood red. It is nearly round, of medium size, and does not become coarse at maturity. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Extra Early Eclipse

A very early maturing Beet, especially desirable for the home garden. Top of medium size. Root nearly globular, with a small tap root and small collar. Flesh, bright red, very sweet, crisp and tender. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.10.

STOCK BEETS—Page 46.

Swiss Chard Or Turnip Beets

The outside leaves are used as "boiling greens." They closely resemble spinach in flavor. The large white stalks are used like asparagus. Swiss Chard grows well, even during hot weather. One oz. for 100 ft. of drill; 4 lbs. per acre in drills.

Lucullus

Stalks large; $1\frac{1}{2}$ inches broad, and heavily ribbed. The extra large leaves are thick in texture, heavily crumpled, and of fine flavor. The leaf-stalks may be used separately. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

HIGH QUALITY CABBAGE SEED

CULTURE—When transplanting cabbage plants from the seed bed, set them in good rich soil that has been deeply dug and well manured and apply a fertilizer containing plenty of ammonia. The soil in the seed bed should not be richer than the soil where the plants are to grow, otherwise the growth will be checked. Set the plants as deep as the first leaf stems, give frequent and deep cultivation, drawing the earth to the plants at each working. Set the early varieties 18 inches apart in 2½ to 3 ft. rows; the late varieties require more room and should be set 2 feet apart in 3 ft. rows.

SELECT EARLY JERSEY WAKEFIELD—This sharp head variety is very early, compact leaves; its hardness enables it to resist all sorts of unfavorable conditions. Has for a long time been the market gardener's favorite for a first early cabbage. Postpaid, pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50.

CHARLESTON OR LARGE WAKEFIELD—Ripens few days later than the Jersey, but much larger, and possesses all the blood qualities of the true Wakefield type in an intensified degree. Postpaid, pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50.

LONG ISLAND EARLY FLAT DUTCH—Heads are large and solid, and mature very early, just after the select Jersey Wakefield, and may be marketed at the same time with Wakefield. In every respect it is a cabbage worthy of cultivation. Postpaid, pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50.

HENDERSON'S EARLY SUMMER—This is an ideal second early sort. It forms flattish solid heads averaging about 8 to 10 lbs. Our seed is very carefully selected. Postpaid, pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50.



Pe-Tsai Chinese Or
Celery Cabbage

CHINESE PE-TSAI OR "CELERY" CABBAGE—Produces beautiful crisp, celery-like heads that blanch easily and that resemble a Giant Cos Lettuce. As a salad it rivals the finest lettuce; when cooked as cabbage or spinach, it makes delightful greens. Its pure white heads make the best cold slaw. It is easily grown, but should be planted early, as it does best during the cool season. Postpaid, pkt. 5c; oz. 25c; ¼ lb. 70c; lb. \$2.50.

DANISH BALL HEAD—This sort is also known and sold as Hollander; the two varieties are identical. One of the hardiest of all late sorts; stands cold and drought; produces a hard, compact, medium sized, perfectly round head of the finest quality. A splendid keeper and shipper. Postpaid, pkt. 5c; oz. 30c; ¼ lb. 85c; lb. \$3.00.

AMERICAN DRUMHEAD SAVOY—The hardest cabbage in cultivation. Heavy frosts only improve the quality. Postpaid, pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50.



Charleston or Large Wakefield Cabbage

EARLY SHORT STEM DRUM-HEAD—It is ready for marketing 2 or 3 weeks earlier than the Late Drumheads, forms large, solid, rounded heads weighing from 15 to 25 lbs. Postpaid, pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50.

LARGE LATE DRUMHEAD—Very hardy and desirable fall and winter cabbage. Head enormous. A good keeper and shipper. Postpaid, pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50.

SELECTED LATE FLAT DUTCH—Grown very extensively by market gardeners for late crop. It grows very large, a sure header, uniform in shape, size and color. Large leaved and short stem. Postpaid, pkt. 5c; oz. 20c; ¼ lb. 70c; lb. \$2.50.

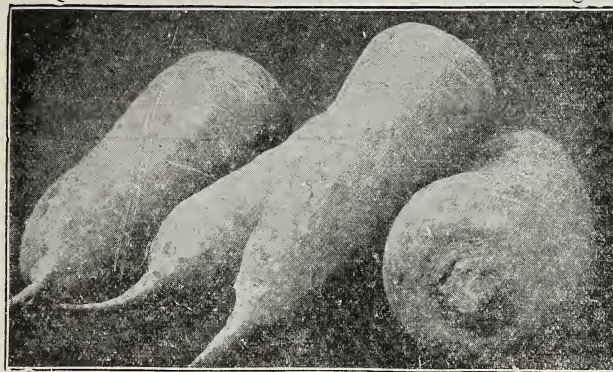
COPENHAGEN MARKET—As early as the Jersey Wakefield, and yields heavier crop. For a round head variety, this seems to be a strong statement. It is a fact and proven so by gardeners all over America for five years. Some of its chief features, in addition to its earliness, are its compactness, its light green leaves tightly folded, large size of heads often weighing 10 lbs. Leaves being tightly folded allows close planting. It produces a fine grain, tender, white head of excellent quality. Postpaid, pkt. 5c; oz. 40c; ¼ lb. \$1.35; lb. \$5.00.



Copenhagen Market Cabbage

Carrots

CULTURE — Sow in a light, rich, deeply-worked soil as early as you can work the ground, in drills 12 inches apart and $\frac{1}{2}$ inch deep; press the soil firmly after planting and when well up thin out to 3 or 4 inches apart in the row. For field culture, make the drills 18 to 24 inches apart; later sowings should be made in July and August for a late crop to store for winter. In dry weather soak the seeds before sowing. To store for winter, pack in dry earth or sand in the cellar or put them outside on a well-drained situation, covering with a few inches of straw and 6 to 8 inches of earth to protect from frost. One oz. will sow 100 ft. of drill; 3 to 4 lbs. to the acre.



Danver's Half Long Carrots

DANVER'S HALF LONG—This is the most popular sort for all purposes. We illustrate a bunch of this favorite sort, which shows its shape. A great yielder; short top, coarse leaves; roots smooth, of fine sweet flavor; color, rich orange red. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.10.

CHANTENAY OR MODEL—Medium early and of excellent quality. Tops medium sized, necks small. Roots thick, $5\frac{1}{2}$ to 6 inches in length, uniformly smooth, deep orange red in color. Flesh very crisp and tender. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.10.

IMPROVED LONG ORANGE—A well known standard sort; roots long, thickest near the crown; tapering regularly to a point; color, deep orange; suitable for the table and main field crop. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.10.

OXHEART OR GUERANDE—A short, thick stump rooted sort; best for thin soil and heavy land; fine grained and very sweet. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.10.

Carrots For Stock Feeding

Carrots are full of starch and sugar, furnishing very nutritious and wholesome feed; they are easily grown. In the South their hardiness and ease of cultivation make them very profitable.

IMPROVED WHITE BELGIAN—Grows one-third above ground. Root pure white, green above ground with small top; flesh rather coarse. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

LARGE YELLOW BELGIAN—Makes long yellow roots; about one-third to one-half of the roots grow above the surface and are easily harvested. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 90c.

Cauliflower

CULTURE—Cauliflower succeeds well in any soil where cabbages grow. It delights in a rich soil and plenty of water. Early planting is essential; in this section plant in hot-beds in February, March and early in April; also rapid and thorough cultivation. Transplanting should be done in moist weather. One-fourth oz. produces about 500 plants; 3 ozs. make enough to set out an acre. Matures heads in 90 days from planting.

EARLY SNOWBALL—This variety is not only the earliest to head but a remarkably sure header, making large, solid, perfect, pure white heads of the finest quality. Our seed imported direct from the world's foremost source of supply. Postpaid, pkt. 15c; $\frac{1}{4}$ oz. 60c; oz. \$2.00; $\frac{1}{4}$ lb. \$7.50.

DRY WEATHER CAULIFLOWER—This new Cauliflower is especially adapted for growing in dry locations when other varieties fail. It produces large, solid heads. Postpaid, pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.75; $\frac{1}{4}$ lb. \$6.50.

EXTRA EARLY ERFURT—An extra early compact sort, pure white, a reliable header, and suitable for both outdoor and forcing. Postpaid, pkt. 10c; $\frac{1}{4}$ oz. 50c; oz. \$1.75; $\frac{1}{4}$ lb. \$6.50. See Page 31 for prices on Cauliflower Plants.

Collards

Cultivated and grown same as cabbage. Collards are purely a Southern vegetable, largely used in place of cabbage. Collards are considered in the South the old-time winter greens. They are improved by the touch of frost. Sow one oz. seed to 200 ft. of row.

N. C. BUNCOMBE SHORT STEM—This variety has short stems, large spreading leaves. Has proven very popular wherever grown. A great improvement over the other varieties. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 85c.

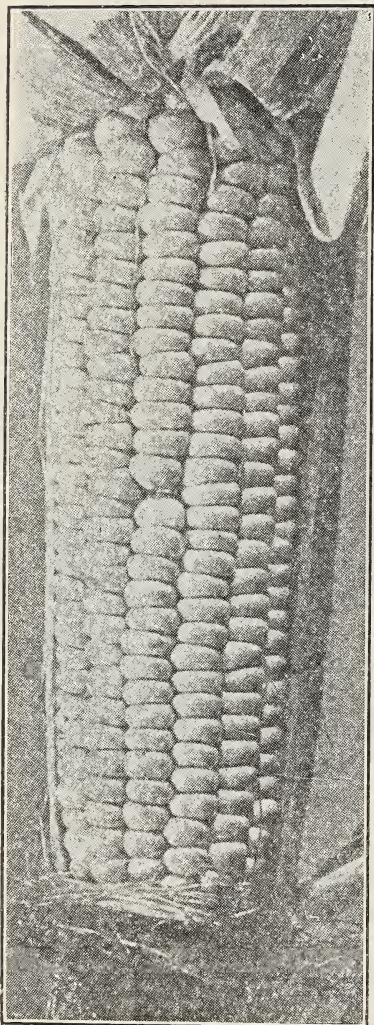
TRUE GEORGIA OR SOUTHERN—A well known and popular sort. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.

Cress

WATER CRESS—A hardy plant which can easily be grown in a shallow pond of fresh water or along the edges of shallow running streams. Seed may be readily started in pans or boxes of very moist earth. When the young plants are well grown, they should be transplanted to the stream or pond. Postpaid, pkt. 5c; oz. 60c; $\frac{1}{4}$ lb. \$2.25.

UPLAND CRESS—Extra Curled (Peppergrass.) A small, curled plant, having a fine pungent flavor and used as a salad. Sown in the spring, in drills about 1 ft. apart. Postpaid, pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 65c.

GARDEN CORN OR SUGAR CORN



Golden Bantam Sugar Corn

HOWLING MOB—A fine second early, large eared sort. It produces two pearly white ears to the stalk and is of unsurpassed quality. Much better than the name indicates. We recommend it to come between Golden Bantam and Country Gentleman. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 2 lbs. 55c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

STOWELL'S EVERGREEN — Now recognized everywhere as the standard variety, both for home and market, and is the general favorite. The ears are of large size, grains deep, exceptionally tender and sugary, and have the advantages of remaining longer in the green state than any other. Our stock has been carefully

CULTURE—Corn thrives best in a rich, warm well-manured soil, but excellent garden corn may be raised on any good soil that has been deeply and thoroughly worked before planting. Plant the early varieties the last of March or early in April; sweet corns are tender and should not be planted till the ground is thoroughly warm, otherwise they are liable to rot. Give frequent and thorough but shallow cultivation and continue plantings at intervals of about two weeks till July or early in August for a succession of roasting ears throughout the season. Plant during July or early in August for late roasting ears. One lb. will plant 100 hills; 10 to 12 lbs. plants an acre.

EXTRA EARLY ADAMS — A popular variety in the South. Earliest White Corn in cultivation; makes small ear and stalk, and can be planted close together. If planted in very rich soil and given thorough cultivation produces well filled ears very early. Not a true sugar corn, but a good early roasting ear. Postpaid, pkt. 10c; lb. 20c; 2 lbs. 35c; 5 lbs. 80c. Not Prepaid, lb. 15c; 5 lbs. 65c; 10 lbs. \$1.20.

GOLDEN BANTAM—Extra early, sweet, tender and delicious. Extremely early, vigorous grower and of delicious flavor. Grain hard and firm but has no flinty glaze, therefore it can be planted earlier than any other true sweet corn. The stalks are dwarf and sturdy in habit, growing to a height of four feet, and can be planted close together in the row; they bear two or three good small ears to the stalk. The grains are yellow. Golden Bantam is truly delicious. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 2 lbs. 55c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

GOLDEN CREAM — A cross of Golden Bantam and Country Gentleman. The result is a yellow Country Gentleman. Ears about size of Country Gentleman and matures about same time, grain is small, deep and zigzagged and of a rich golden color; of excellent quality. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 2 lbs. 55c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

COUNTRY GENTLEMAN — Small cob; long, slender, white grain. This variety has a small, white cob, densely covered with irregular rows of very long, slender white grains of excellent quality, ears 7 to 9 inches long; stands from 6 $\frac{1}{2}$ to 7 ft. high. Well adapted for canning as well as the home garden and market and by many regarded as the best of the late varieties. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 2 lbs. 55c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

IMPROVED EARLY ADAMS—This is a very hardy sort and can therefore be planted very early. The stout stalks grow 6 to 7 ft. in height, bearing one or two large or medium-sized ears, which are well filled with fine white grain that is of excellent quality if pulled at the proper stage. Not a true sugar corn, but an excellent roasting ear. Postpaid, pkt. 10c; lb. 20c; 2 lbs. 35c; 5 lbs. 80c. Not Prepaid, lb. 15c; 5 lbs. 65c; 10 lbs. \$1.20.

BLACK MEXICAN—One of the sweetest and best; ear 8 inches long and 8 rowed; grains bluish black when ripe. A great favorite with many. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 2 lbs. 55c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all sorts. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 2 lbs. 55c. Not Prepaid, lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

TRUCKER'S FAVORITE — For a second early corn to follow Adams Early, or for late planting to mature early, this is a good sort. It is a white corn, with good depth of grain, tender and sweet, and makes most desirable size for roasting ears. In addition to being a fine garden corn, it makes an excellent field corn to plant late. Not a true sugar corn, but one of the favorite roasting ears. Postpaid, pkt. 10c; lb. 20c; 2 lbs. 35c; 5 lbs. 80c. Not Prepaid, lb. 15c; 5 lbs. 65c; 10 lbs. \$1.20.

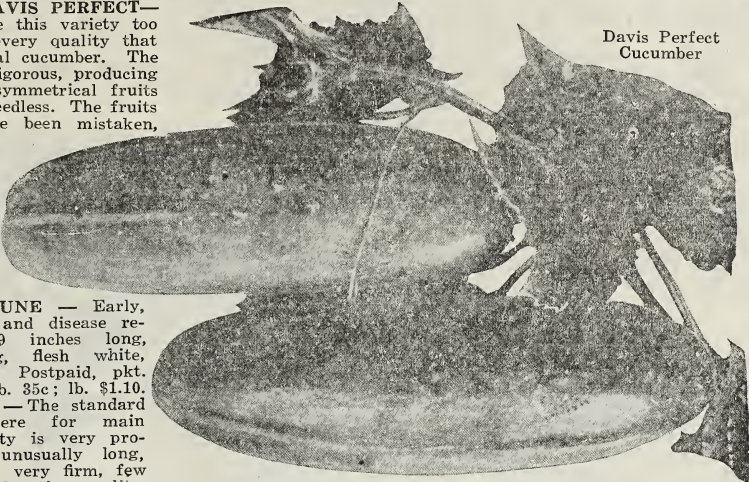
CUCUMBERS

CULTURE—Cucumbers should be grown in every garden, to furnish both large fruits for slicing for the table, and small young fruits for pickling. In most sections it will be best to make two sowings: one as early in the spring as the weather permits, to supply fruits for the table during the summer months, and a second about the last of June or first of July, to furnish fruits for fall use. This late sowing will also give the best supply of young fruits for pickling purposes; the cool fall months are the best time to put them up for winter use. One ounce is sufficient for 100 hills.

IMPROVED DAVIS PERFECT—

We cannot praise this variety too highly. It has every quality that makes up an ideal cucumber. The vine growth is vigorous, producing unusually long, symmetrical fruits that are almost seedless. The fruits of this sort have been mistaken, even by experts, for hothouse or indoor types. For this reason they always command the very best price in any market. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Davis Perfect
Cucumber



EARLY FORTUNE — Early, very productive, and disease resistant, fruit 9 inches long, slightly tapering, flesh white, firm and crisp. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.10.

LONG GREEN—The standard variety everywhere for main crop. The variety is very prolific, producing unusually long, dark green fruit, very firm, few seeds, and of good eating quality.

Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.40.

EVERBEARING—This is a very early and an extremely prolific variety. The young fruit is symmetrical, deep in color, and crisp. It is an excellent variety to grow for small pickles. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. \$1.25.

CHICAGO PICKLE — A small dark green, early, prolific sort, more largely used for pickling purposes than any other sort. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

EARLY FRAME—An early vigorous growing variety, producing short green fruit of excellent quality; very desirable for pickling. Postpaid,

pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

IMPROVED EARLY WHITE SPINE—A standard and very popular sort with truckers who grow for market and shipping; early and prolific. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.10.

EARLY CLUSTER — An early prolific sort; green variety, bearing its fruit in clusters. Very desirable for home pickles. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. \$1.25.

WEST INDIA GHERKIN—A very small, oval shaped prickly variety; grown exclusively for pickling. Very prolific. Price, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

JAPANESE CLIMBING—A running variety. It bears very quickly and continues to bear throughout the season. The fruit is of extra fine quality, dark green in color, and it has very few seeds. Postpaid, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Celery

CULTURE—Sow seed in February, March or April, in rows, and, if dry enough, press the soil firmly with a roller or the back of a spade. Keep the seed bed well watered, as celery germinates very slowly. When 4 inches high, cut off tops to make the plants grow stocky. Transplant from June to September in rows 3 ft. apart, 6 inches apart in row. One oz. sows about 100 ft. and produces about 4,000 plants; 8 ounces to one acre. Matures from 120 to 160 days.

GOLDEN SELF BLANCHING—French grown; of a golden yellow color; ribs are brittle, and of a delicious flavor. This is the earliest maturing sort. Stalks are heavy, perfectly solid, about 20 inches high; easily blanched. Postpaid, pkt. 15c; oz. 75c; $\frac{1}{4}$ lb. \$3.00; lb. \$10.00.

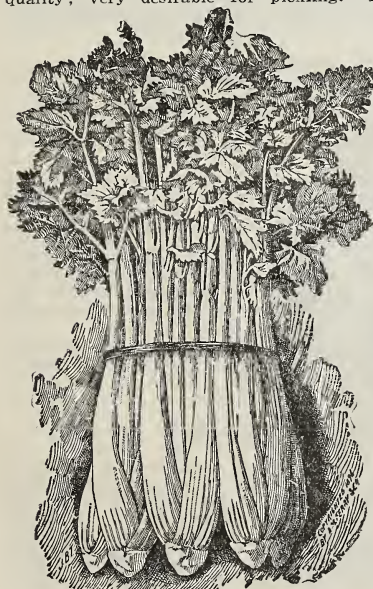
IMPROVED WHITE PLUME — A great favorite, crisp and tender. The plants grow rapidly and blanch easily during the summer months. Postpaid, pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

GIANT PASCAL—Splendid variety for fall and winter use. It blanches to a yellowish white color, and is solid, crisp, and of fine flavor. Postpaid, pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

CELERY PLANTS—See Page 30.

Celeriac Or Turnip-Rooted Celery

The roots have the flavor of celery; are excellent for flavoring soups and salads. Postpaid, pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.25.



Golden Self Blanching Celery

Egg Plant

Egg Plant is one of the most delicious vegetables. They grow and fruit exceptionally well in the South, and are very high in food value. Sow seed early in hot beds and transplant into well fertilized situations, when all danger of frost is past. One ounce for 1,000 plants, requires about 4 ounces to plant an acre. Matures in about 120 days from sowing. Either of the following do splendidly in this section.

NEW YORK IMPROVED PURPLE, SPINELESS—This is an entirely spineless strain and the favorite market variety. Plant large and spreading, producing 4 to 6 large oval fruits of purple color. Postpaid, pkt. 10c; $\frac{1}{2}$ oz. 25c; 1 oz. 45c; $\frac{1}{4}$ lb. \$1.60.

BLACK BEAUTY — Earlier and nearly as large as New York Purple; fruit very dark purple, which color it holds for a long time. Postpaid, pkt. 10c; $\frac{1}{2}$ oz. 25c; 1 oz. 45c; $\frac{1}{4}$ lb. \$1.60.

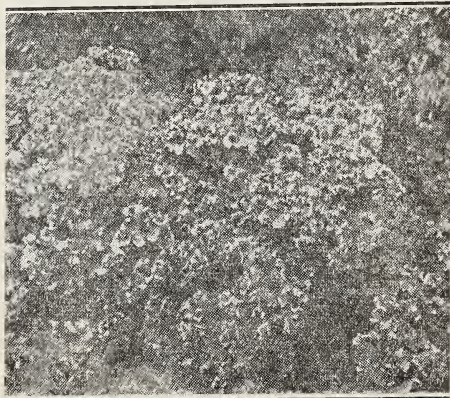
EGG PLANTS — Large, stocky, transplanted plants. Ready March 1st till July. See Page 31.

Kale Or Borecole

DWARF CURLED SCOTCH — A handsome, very finely curled, dwarf, spreading variety; foliage long and of an attractive bright green; very hardy. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

DWARF CURLED SIBERIAN — A most vigorous and spreading variety; leaves are large and rather plain in the center, but cut and frilled at the edges; color is a bluish-green. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

TALL CURLED SCOTCH—Plants of this variety grow 2 to 3 ft. in height, bearing long, plume-like, light green leaves, which are much cut and deeply curled at the edges; very hardy. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.



Dwarf Curled Scotch Kale

Endive

Endive is used largely as a salad plant and can be grown practically all the year around. The seed should be sown in the open ground beginning with the end of March until early June. For a continuous supply, sow at intervals of from 3 to 4 weeks. Encourage strong growth by constant cultivation and keep well supplied with moisture. Before the plants are gathered they are bleached for the purpose of making the leaves tender and crisp. Well-blanching leaves are practically free from the bitter taste of

those not blanched. When the plants have reached good size, the leaves are all tied up together to protect the heart against sunlight. In 20 to 25 days the heart will be blanched to a beautiful creamy white with a piquant and crisp flavor considered far superior to that of any other salad. One ounce for 500 ft. of drill.

MOSS GREEN CURLED—A very hardy, dark leaved sort; crisp and tender; should be bleached. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.20.

WHITE CURLED—Almost clear white sort; very fine. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.



White Vienna Kohl-Rabi

Kohl-Rabi

A vegetable intermediate between the cabbage and turnip, which combines the flavor of both. It forms a turnip-shaped bulb above the ground, which is prepared for the table like turnips. If used when young and tender, makes a delicate and desirable vegetable. Also known as "Turnip-Rooted Cabbage." Sow in rows 18 to 20 inches apart, thinning out to 8 inches. One ounce to 100 yards of row. If you try Kohl-Rabi once you are sure to like it and will sow it year after year.

EARLY WHITE VIENNA — A light green type; the most popular. Postpaid, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.35.

Leek

The Leek belongs to the onion family. Sow the seed and care for the young plants as for onions, but they need more room in order to develop. When the young plant is about the size of a goose quill, transplant to a prepared bed in rows about 3 or $3\frac{1}{2}$ ft. apart and 4 or 5 inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use.

LONDON FLAG—This is a variety generally cultivated in this country. It is hardy and of good quality. Postpaid, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Horse Radish Roots

Horse Radish rarely produces seed, but is grown from pieces of the roots. Mark off the rows $2\frac{1}{2}$ ft. apart, in rich, moist, well-prepared ground, and set the pieces of roots 18 inches apart in the rows vertically, the small end down, and the top 1 to 2 inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds. Postpaid, per doz. 20c; per 100, \$1.25.

SELECT LETTUCE SEED

CULTURE—Sow in hot-beds in February and March, harden off and set out 8 to 12 inches apart in 18 inch rows. For succession, sow every 3 weeks. Sowing may be made in open ground early in the spring and the plants thinned out. Lettuce is easy to grow, but requires rich, moist soil, clean and thorough cultivation, and plenty of water to give it that quick growth on which depends its tenderness and flavor. After plants are set out, a side-dressing of Nitrate of Soda will stimulate their growth. One ounce will sow about 150 ft. of drill or produce 3,000 plants.



Grand Rapids Lettuce

Curled Varieties

GRAND RAPIDS—A good lettuce to sow outside early in the spring for family use. Makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good marketable condition for a long time after cutting. Its delicious quality and handsome appearance make it a popular variety. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

BLACK-SEEDED SIMPSON—One of the best, either for forcing under glass or for open ground culture. It forms large, thin, loose leaves of light green color, very tender, crisp, and of fine quality. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

PRIZE HEAD EARLY—A crisp and tender loose leaved, non-heading sort, and one of the most popular; leaves much crumpled

and excessively frilled at the borders; color light brown on a medium green base; quality good. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

BRITTLE-ICE grows to a larger size, is of more pleasing appearance, and retains its crispness and mild flavor to a greater degree during the hot summer months than any other crisp-head variety. It is not suitable for shipping to distant markets. The plants are of quick, strong growth. The leaves are soft bright green, growing closely around the head. The heads are tightly folded, 6 to 8 inches in diameter, blanched to a silvery white, and as crisp as celery. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Cabbage Or Heading Varieties

HANSON, IMPROVED—One of the most reliable, sure-heading sorts; heads globular, large and late; leaves large and very broad, fairly blistered and crumpled, borders finely frilled; color clear light green; quality good. A fine variety for midsummer planting outside, as it withstands the hot season better than most sorts and is a slow seeder.

BIG BOSTON, IMPROVED SELECTED—Very distinct variety, grown largely in the South as a winter lettuce. Very popular for outside culture as well as cold frame forcing. Head large and compact; leaves broad, almost smooth, but wavy at the edge; color light green, slightly tinged reddish-brown; heart greenish-white tinged yellow, and quite tender when well grown. It gives the best of satisfaction under all possible conditions. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.35.

ICEBERG—A good variety for either the market gardener or for family use. Somewhat similar to Hanson, but smaller and of slightly darker color. It matters not whether grown to head in early spring or in the hottest days of summer, the leaves are always tender and crisp. Postpaid, pkt. 5c; oz. 16c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

WONDERFUL, NEW YORK—This splendid mammoth heading, long-keeping variety has been grown to weigh 6 lbs. to the head; frequently weighs 2 or 3 lbs. Heart is solid, of light green color, very sweet, tender and crisp. Long standing, perfect heads may be cut from the same bed for many weeks.



Big Boston Lettuce

MUSKMELON OR CANTALOUPE

CULTURE—A rich, sandy soil and good seed are absolutely essential for success in raising the best muskmelons. The seed should not be planted until the ground has become dry and warm; plant in hills 4 to 6 ft. apart each way; old well rotted manure should be thoroughly mixed with the soil in each hill and in liberal quantity. Add a good commercial fertilizer and make the hills rich. Put from 6 to 10 seeds to the hill, and when danger of insects destroying the young plants is past, thin out 3 or 4 plants. Give frequent but shallow cultivation until vines cover the ground. One ounce will plant 50 to 60 hills; 2 to 3 lbs. to an acre.



Rocky Ford Netted Gem Cantaloupe

ROCKY FORD NETTED GEM, SELECTED STRAIN—The most popular melon in cultivation. It is without doubt the most uniformly good sort. Very popular as a shipper, fruits stand handling with little or no damage. Early and very prolific; flesh is light green with salmon flesh near the seed. We offer seed of the very finest strain, grown for us by specialists in this line, and subjected to the greatest care in selecting and curing. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

BANANA CANTALOUPE—Shaped somewhat as the name indicates; grows about 24 inches long; flesh deep salmon color. This melon does well in this section and is very popular with a great many growers. Postpaid, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

EXTRA EARLY HACKENSACK—An early sort, maturing in about 60 days, running from medium to large; deeply ribbed, tough rind sort. A very valuable shipping variety. Flesh light green to pink at the center. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.



Hoodoo (Hearts of Gold)

TIP TOP—This very productive melon varies in shape from round to slightly oblong, rather large in size, and somewhat late in maturing. Skin pale green, distinctly ribbed and fairly well covered with shallow netting. The flesh is rich, deep salmon in color, and it is sweet and juicy. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

IRONDEQUOIT—A netted type of Tip Top, and a most excellent main crop sort. Fruit large, gray-green in color, round, flattened at the ends, distinctly ribbed and well netted; flesh very thick, deep salmon color, and of the highest quality; a fine market melon. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

HOODOO, HEARTS OF GOLD—A splendid, small, mid-season variety; fruit round, with tendency to heart-shape, densely covered with fine gray netting and distinctly ribbed; flesh very thick, ripening thoroughly to the rind, with small seed cavity; of a rich orange color and highest quality. A fine shipping sort. Try this melon; you will like it. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

FORDHOOK—The rind, though thin, is unusually firm and well netted; the thick salmon flesh is solid and sweet to the rind. One of the finest for market, also equally as good for the home garden. The introducer pronounced it equal to the Emerald Gem in delicious flavor. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

EMERALD GEM—The fruit is of good size, very smooth and of deep emerald green color. The flesh is of a rich salmon color, and ripens thoroughly to the extreme thin rind, and is very sweet and rich of flavor; very hardy and prolific, and grows to perfection in the South. The melon follows the extra early sorts in ripening and lasts longer than most any variety. This melon is very popular for home gardens. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

DELICIOUS GOLD LINED ROCKY FORD—It is medium in size, of round, oval form. Meat of a beautiful golden color, deliciously sweet, very prolific and hardy. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

HONEY DEW—This late variety has become extremely popular on account of its large size and excellent quality. The fruit is ovoid in form, about 10 inches long and 8 inches in diameter; surface smooth and hard, without ribbing or netting; creamy white in color, turning to lemon tint when fully ripe; flesh light emerald green; very thick, ripening to the rind; very tender with an extreme sweetness found in no other melon. An excellent variety for storing. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.60.

COLORADO PINK MEAT—Beautifully netted, the flesh is pink or salmon. Its shipping and eating qualities are excellent. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.25.

Selected Southern Grown Watermelon Seed

One ounce will plant 30 hills; 3 lbs. for 1 acre. The watermelon seed we offer is Southern grown and far superior (contrary to the general rule in seed) to those grown in the North. Watermelon seed produced North or West and grown in the South produces melons with a hard core and are not used by the large melon growers in the South, although frequently can be obtained at a much lower price.

CULTURE — Prepare the soil by thoroughly working in well rotted manure, pulverized sheep manure or poultry droppings; rich soil gives the plants a good start before insects attack them. Results will justify the use of plenty of high-grade commercial fertilizer, in addition to compost. Make hills 8 ft. apart each way, plant 6 to 8 seeds to a hill, covering 1 inch deep; when well up, thin out, leaving 3 strong plants to a hill.

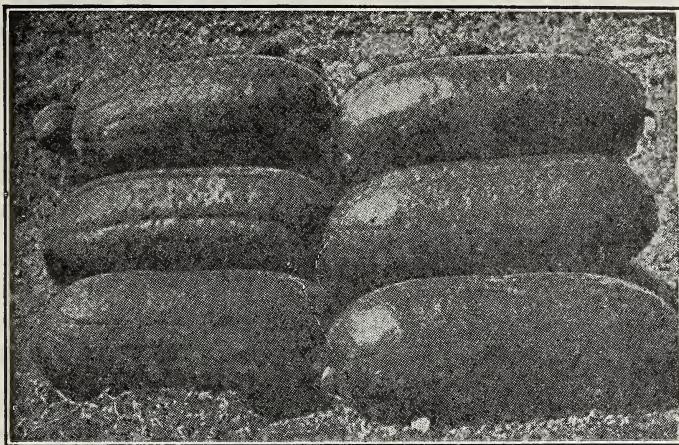
NOTE—Do not neglect to spray your melon vines with Bordo Mixture, it will help to increase the yield and prevent diseases that often destroy the melon crop in the South. See Page 51 for description and price of Bordo Mixture. To prevent and destroy Bugs, dust the vines with Slugshot. See Insecticides, Page 51, for price on Slugshot.

GEORGIA RATTLESNAKE—One of the largest, oldest and most popular sorts, especially in the South. Fruits very long, of light green color, distinctly striped and blotched with a darker shade. Flesh bright scarlet, very sweet and tender. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

HARRIS' EARLIEST WATERMELON—Sweetest, largest early watermelon. Melon is oval to oblong; beautifully striped with green and grey; bright red flesh, which is sweet, tender and delicious. It is a melon for everybody to grow who wants to be first in the market with fine large melons weighing 20 to 30 lbs. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

HALBERT'S HONEY—One of the newer varieties of splendid quality and especially desirable for home use or nearby markets. They are much like Kleckley's Sweet, but longer in shape; have a dark green thin rind; exceedingly bright scarlet meat, so crisp and tender that a well ripe melon splits ahead of the knife when cutting. Melons are long, blunt at both ends, and the vines are very productive. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

ICE CREAM OR PEERLESS—A popular melon for home and market. Oblong, with dark green, finely grained skin. Flesh sweet, deep



Genuine Tom Watson Watermelon

pink, solid* to the center. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

KLECKLEY'S SWEET — This is the famous "Sweetest Of All." Without doubt one of the finest melons grown. Long thin rind. Not a shipper, but one of the finest for home use. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

TOM WATSON—The melons are large, long and dark green like the Kleckley Sweet, but larger, and has a tougher rind, consequently is an excellent shipper for long distances. The deep flesh or meat is a beautiful rich red, solid and lusciously sweet and ripens close up to the vine. The vines are vigorous and very productive; although a shipping melon, its extra fine quality commends it to the private gardener. The heart is large with no sign of core. The seeds are brown, tipped with white. Our seeds are Southern grown, which are the best. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

FLORIDA FAVORITE—A large, smooth, beautifully shaped melon of dark green color, irregularly striped with light green, very early and exceedingly prolific. The rind is of medium thickness, very hard and tough, making an excellent sort for shipping. The flesh is of bright red color, sweet and juicy. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

SWEETHEART—A medium early variety growing to a very large size. Vines vigorous and productive, melons oval, light green in color, striped and veined with a darker shade. Flesh bright red and tender. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

Okra Or Gumbo

Cultivated for its green seed-pods, which are used in soups or stewed and served like asparagus. Highly esteemed in the South for making gumbo soup. Can be cured like dried apples and then used for soup at any time.

CULTURE—When the soil has become warm, sow thickly in rows 3 ft. apart, and when large enough, thin out to a foot apart in the rows. One ounce will sow 30 ft. row.

WHITE VELVET OKRA—This is a distinct and beautiful Okra. The pods are much longer than any other variety, perfectly smooth, and covered with a fibre resembling velvet. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 65c.

PERKINS MAMMOTH LONG POD—An early and very prolific, long green-podded variety; height 4 to 4½ ft. and quality of the best. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



Kleckley's Sweet

Mustard

One ounce sows 30 feet; 4 or 5 lbs. per acre. This is grown to quite a large extent in the Southern States. It is used the same as spinach, or boiled with meats as greens. The white or yellow-seeded variety is cultivated chiefly for medicinal purposes or pickling.

CULTURE—Sow during February, March or April, or in the fall during September or October, either broadcast or in rows 6 inches apart. Cut when about 3 inches high.



Southern Giant or Curled Mustard

SOUTHERN GIANT CURLED—Forms a great mass of light green leaves beautifully frilled and finely curled. Succulent, pungent, and of sweet flavor. The most popular with Southern growers. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

OSTRICH PLUME—This variety stands the summer heat finely. Is considered the most beautiful of all mustards. Leaves are long, ruffled and curled as graceful as the ostrich plume. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

CHINESE BROAD LEAF—Ready in 6 weeks from sowing. Leaves are twice the size of the white, and the stems more succulent. Pleasantly sweet and pungent. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

WHITE—Leaves comparatively smooth, dark green. Mild and tender when young. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

BLACK—Stronger and more pungent than white. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.



Silver Skin or White Portugal Onion

Superior Onion Seed

CULTURE—Large onions from seed. To grow large onions from seed the first year, sow in January, February or early in March in hot beds, or in the open ground later, and when the weather opens and the plants are the size of a goose quill, transplant 4 or 5 inches apart in 12 to 13 inch rows. Transplanting always increases the yield, sometimes doubles it. One ounce will sow 100 ft. of drill; 5 lbs. is required to make plants enough to set an acre. The onion is best grown in a rich, sandy loam. Continued cultivation upon the same plot of ground, contrary to the general rule, rather improves the crop than otherwise.

PRIZETAKER OR SPANISH KING—It is one of the largest, handsomest and most profitable varieties grown. By sowing early and transplanting it can be grown to an extraordinary size. The Prizetaker Onion is globe-shaped; of a clean, bright yellow or straw color. Has a small neck and ripens up hard. Keeps well until about mid-winter. Flesh thick, white, mild and agreeable in flavor. It is easily grown, medium early maturing. Postpaid, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.35.

LARGE RED WEATHERSFIELD—The most widely cultivated red variety, the standard winter onion; a sure and heavy yielder; the best keeper; grows to an immense size, solid, oval-shaped, flattened on top; skin purplish red, smooth and glossy; flesh white. This variety does best on rich, moderately dry soil, but on low muck land it is more apt to form larger necks than the Danvers. There is no better sort for poor and dry soils. Postpaid, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

LARGE YELLOW GLOBE DANVERS—This improved variety is largest in size and uniformly globe shaped, has small necks and ripens evenly. Fine keeper; matures early. Postpaid, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

SILVER SKIN OR WHITE PORTUGAL—See illustration. The bulbs are flat. It is of a mild, pleasant flavor and is a splendid variety, both for home use and the market gardener. It is extensively used for growing sets, for which it is well adapted on account of the shape of the bulb and its excellent keeping qualities. It is also used largely for pickling. Postpaid, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.60.

Onion Sets

One quart will plant 50 feet of row; 4 to 6 bushels will plant an acre.

SILVER SKIN—Best white onions for growing from sets. Mild flavor and good keepers. Postpaid, qt. 25c; pk. \$1.25; bu. \$4.15. Not Prepaid, qt. 20c; pk. \$1.10; bu. \$3.75.

Postpaid, qt. 25c; pk. \$1.25; bu. \$4.15. Not Prepaid, qt. 20c; pk. \$1.10; bu. \$3.75.

YELLOW DANVERS—One of the best keepers and the most popular variety to plant in the spring from sets. Postpaid, qt. 25c; pk. \$1.25; bu. \$4.15. Not Prepaid, qt. 20c; pk. \$1.10; bu. \$3.75.

LARGE RED WEATHERSFIELD—A favorite market variety and large cropper. Postpaid, qt. 25c; pk. \$1.15; bu. \$4.00. Not Prepaid, qt. 20c; pk. \$1.00; bu. \$3.60.

WHITE MULTIPLIER—Or Nest Onions; very productive, of finest flavor; better keepers than the Yellow Multiplier, and does not make as large onions as they do. Postpaid, qt. 30c; pk. \$1.55; bu. \$5.50. Not Prepaid, qt. 25c; pk. \$1.35; bu. \$5.00.

NOTE—Onion Sets will be scarce this spring, so order early.

PEPPERS

One ounce will produce 1,000 to 1,500 plants. Peppers should be sown early in boxes or hot-beds and transplanted into a loamy well fertilized situation in rows about 2 ft. apart and 18 inches to 2 ft. in the row. Cultivate often and thoroughly, continuing until frost, and you will be rewarded with a continuous crop as long as cultivation is kept up. The seed we offer is the very best strain, carefully tested.

PIMENTO—Sweetest pepper grown, a very thick fleshed, heart-shaped, smooth mild crimson variety, much used for salads; very prolific. Postpaid, pkt. 5c; oz. 50c; $\frac{1}{4}$ lb. \$1.75.

RUBY KING—This is a fine variety, growing from $4\frac{1}{2}$ to 6 inches long, and 3 to 4 inches thick. The flesh is very thick, mild and pleasant to the taste. It is a fine sort for stuffing or for pepper hash, and also makes an excellent dish for salad. Postpaid, pkt. 5c; oz. 50c; $\frac{1}{4}$ lb. \$1.65.

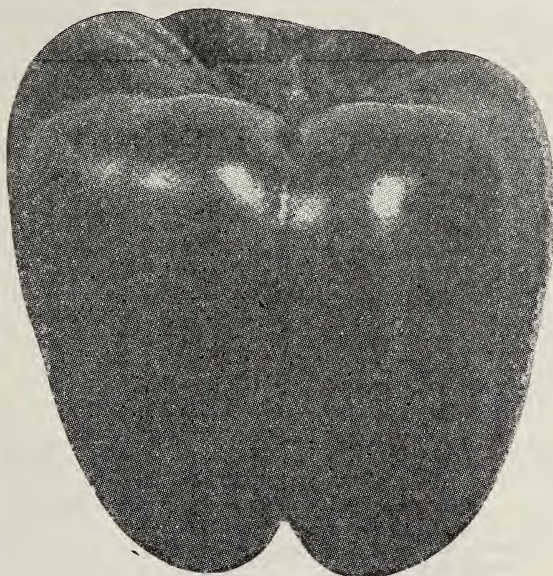
MAMMOTH BELL OR BULL NOSE—This is the most popular of all sweet varieties; very mild in flavor; flesh very thick. Fine for pickling. Postpaid, pkt. 5c; oz. 45c; $\frac{1}{4}$ lb. \$1.50.

SWEET MOUNTAIN — Similar to Bell; very popular for stuffed pickles. Sweet and mild flavored. It is very large, smooth and handsome. Postpaid, pkt. 5c; oz. 50c; $\frac{1}{4}$ lb. \$1.60.

LONG RED CAYENNE—This is a fine, long, slender variety, very hot, bright red, and of exceedingly delicate flavor as a seasoner. It is a good keeper. When fully ripe can be gathered, dried and strung for winter use. Postpaid, pkt. 5c; oz. 40c; $\frac{1}{4}$ lb. \$1.50.

GOLDEN DAWN—Color bright golden yellow; very brilliant and handsome. Postpaid, pkt. 5c; oz. 65c; $\frac{1}{4}$ lb. \$2.25.

CELESTIAL — Conical fruits, creamy tinted,



Chinese Giant Pepper

turning to scarlet when ripe. Postpaid, pkt. 5c; oz. 40c; lb. \$1.50.

CHINESE GIANT—Absolutely the largest sort that grows; enormous, sweet flavored pods; thick, crisp flesh of delightful mild flavor. Plants bushy, coming to bear early and growing a large crop of its four-lobed pods. Very few seed. An ideal salad and stuffing sort. Postpaid, pkt. 5c; oz. 50c; $\frac{1}{4}$ lb. \$1.75.

PEPPER PLANTS—See Page 31.

Parsley



CULTURE—Sow in February, March or early in April, $\frac{1}{2}$ inch deep, in rows 1 ft. apart, pressing the soil after sowing. Parsley is slow to germinate, sometimes two or three weeks in coming up. Germination may be hastened by soaking the seeds several hours before sowing, or by covering the rows with boards to retain the moisture. Fall sowings should be made in August or September in hot-beds or cold frames.

Top dress with well rotted manure or a good ammoniated fertilizer. One ounce sows 150 ft. of row.

CHAMPION MOSS CURLED—The best and most improved strain. It is beautifully curled and crimped, and is best for garnishing and flavoring. If cut when about 3 inches high, it starts a new growth that will be better curled and a brighter color. It makes an ornamental plant for edging walks. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Parsnips

One ounce sows about 150 feet; 5 to 6 pounds to the acre. They require a deeply prepared loam for their fullest development. The seed are very slow to germinate, and should be sown early in the spring in rows 18 inches apart for hand cultivation, or 30 inches apart for horse cultivation. Thin out to six inches to row. Cultivate often.

SUGAR OR HOLLOW CROWN—The very best sort in existence. A large yielder of the finest quality. Postpaid, pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

GARDEN OR ENGLISH PEAS

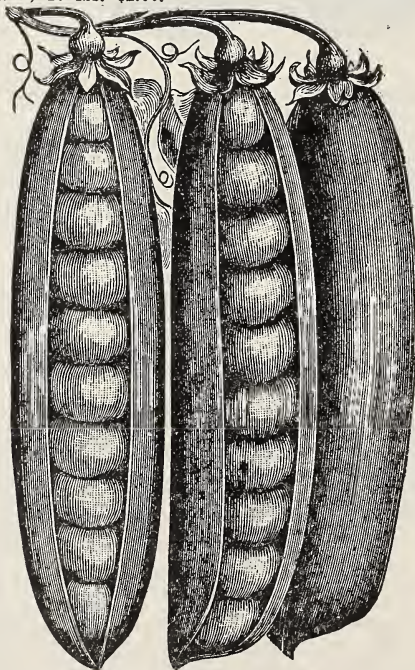
(Varieties Marked With Star (*) Are Wrinkled)

CULTURE—Plant the smooth varieties as early as the ground can be worked, 2 inches deep in double rows 6 to 8 inches apart, $2\frac{1}{2}$ to 3 ft. between the double rows and stake the tall varieties with brush. The wrinkled peas are not as hardy as the smooth sorts and they should be planted later; they are sweeter and better flavored. They should be kept clean and the earth worked toward them 2 or 3 times during the growth. For a continuous crop, plant every 2 weeks as late as August for a fall crop. Gather as fast as they are big enough to use, otherwise they will stop bearing. Peas mature earlier in a light, rich soil; for general crop, a moderately heavy soil is best. Two lbs. will plant 100 ft. of rows 90 to 100 lbs. to acre. Inoculate this seed with Farmogerm. Use plenty of good fertilizer.

Extra Early Bunch Varieties

FIRST AND BEST—We can recommend this pea for early use. It is hardiest, the most prolific and profitable of all very early sorts. The well-filled pods, containing usually 6 to 8 peas, retain their beautiful green color long after being picked. Grows 2 to $2\frac{1}{2}$ ft. high. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

ALASKA LARGE PODDED—Matures in pods in about 35 days, which are filled with medium sized, bright green peas of good flavor. The vines grow from $2\frac{1}{2}$ to 3 ft. high. Uniform maturity and other distinct valuable qualities have made it popular with the gardeners and canners. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.



Large Poddod Alaska

MAMMOTH PODDED EXTRA EARLY—Matures practically with Alaska and is much more productive; seed large, smooth and white. Vine and foliage robust, heavy and medium green. Height 3 ft. Pods light green, 4 in. long, round, broad, saddle-backed and square ended, containing 7 extra large light green peas. A very productive and extra fine sort, bound to take first

place as a leading market gardener's first early pea. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

AMEER—An extra large podded pea of excellent quality. Vines grow about 3 ft. in height, producing large, finely shaped pods. The peas ripen uniformly and are round, slightly dented, of bright green color. A prolific bearer, making it a valuable market gardener's sort. If you desire a fine large podded pea that will mature early, one that fills the hamper quickly, plant our Ameer, or Large Poddod Alaska. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

FRENCH CANNER—Choicest pea for canners and for the home garden or truck farm, where an extra fancy pea is desired; very prolific, bearing in pairs, long curved, well filled pods, kernels small; excellent flavor. Grows about 3 ft. tall. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

DWARF TELEPHONE—An excellent second crop variety, growing only $2\frac{1}{2}$ ft. tall. The vines and foliage is dark green and exceptionally vigorous. The pods are dark green and about $\frac{1}{4}$ inches long; they contain 8 or 9 peas of best quality. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

GRADUS OR PROSPERITY—Extremely early, large deep green pods; exquisite flavor. This remarkable pea is not only large and of the best quality, but is within 2 or 3 days as early as the small, round, extra early sorts. Gradus is a wrinkled pea, growing about 30 inches high; the pods are of a bright green color, measuring 4 inches or more in length, as large as Telephone, well filled with luscious peas, 8 to 10 or more in a pod. The peas are of the highest table quality and retain in a remarkable manner their color and attractive appearance after cooking. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

BLUE BANTAM—This superb pea is unequalled for its extreme earliness, unusual productiveness, and rare quality. The vines are distinctly dwarfed and bear an enormous crop of large, deep, bluish-green pods, 4 inches long, and well filled with 8 or 9 deep bluish-green peas of excellent flavor. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

THOMAS LAXTON—Experts consider this the best early variety of wrinkled pea. The strong vine has heavy stems, with large, light green leaves, and grows 3 ft. tall. It bears large pods about 4 inches long, well filled with enormous peas of a sweet flavor and delicate tenderness. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

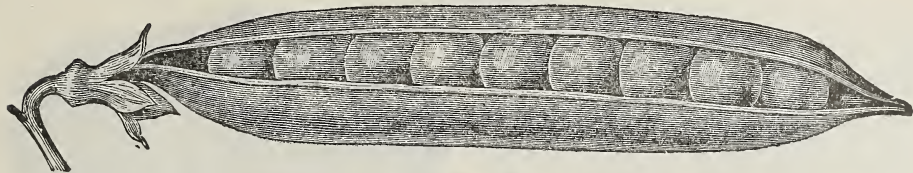
NOTT'S EXCELSIOR—Early dwarf wrinkled; tender and of fine flavor. Vines average about 12 inches high; pods medium sized, about $2\frac{3}{4}$ inches long. The peas, in sweetness and quality, are unsurpassed. Seed medium sized, wrinkled, green, and somewhat flattened. A most desirable sort for the market gardener and unsurpassed for the home garden. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

Salad Peas

MAMMOTH MELTING SUGAR—It is the very best edible pea obtainable. The large broad pods are of delicious sweet flavor, being very brittle and entirely stringless. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

DWARF GREY SUGAR—An edible pod pea which grows only 2 ft. tall. It is a very prolific bearer of fine quality peas. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

POLE PEAS



Tall Telephone

***TALL TELEPHONE** — Large pods; prolific, does well everywhere. Immensely productive; finest quality; excellent flavor; vines very strong, growing about 4 ft. high, and should be given support; produces an abundance of pointed pods of largest size, often $4\frac{1}{2}$ to 5 inches long, attractive bright green, filled with very large peas which are tender, sweet, and of excellent flavor. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

***CHAMPION OF ENGLAND** — Prolific and hardy; small pod but well filled. An old standard wrinkled variety, growing 4 to 5 ft. high.

The pods are large and the peas tender and sweet. The bearing period is prolonged, it being a hardy grower. Very productive and universally admitted to be one of the richest and best flavored peas; seed light green and much shriveled. Postpaid, pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 2 lbs. 65c. Not Prepaid, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00.

Garden Peas and Beans will do better if inoculated with Farmogerm. Write for Farmogerm Literature.

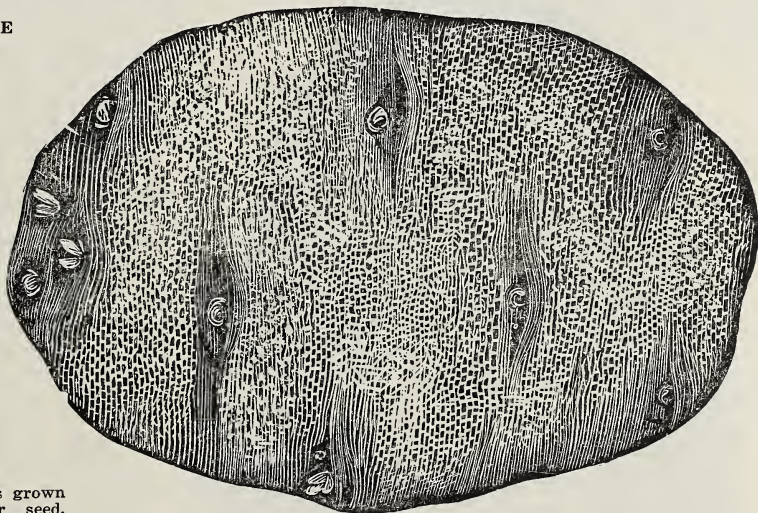
Genuine Maine Grown Seed Irish Potatoes

EARLIER—MORE
PRODUCTIVE

The famous Maine grown seed potatoes richly deserve the high favor they have won. Under normal growing conditions, seed from this source yield an abundant crop of tubers, true to type and of superior quality. Potatoes planted in many sections, soon "run out," become watery and yield poorly; the Maine seed always reproduce a good yield of delicious mealy tubers. Our stock is grown and selected for seed. Six to ten bushels will plant an acre. Plant first crop of Early Rose the last week in February. Irish Cobbblers and Green Mountain can be planted as late as August with excellent results.

THE IRISH COBBLER—Gardeners both large and small are enthusiastic in their praise of this excellent variety. This handsome white potato is extremely early, maturing fully 10 days earlier than Early Rose. The tubers are smooth, round and plump, with creamy white skin, evenly and slightly netted, an indication of distinctive quality. The eyes are strong, well developed, and but slightly indented.

EARLY ROSE—An old time favorite, extra early in maturing, productive, and of excellent quality. Next to the Irish Cobbler, we sell more Early Rose, since it is a most satisfactory all-round early variety. Maine grown stock of



Irish Cobbler Potato

this variety is especially productive and of fine quality.

TRIUMPH OR RED BLISS — An extremely hardy red skinned variety, nearly round, eye deeply indented, white flesh. Produces large fine potatoes of good quality.

GREEN MOUNTAIN—A reliable medium late variety which is universally popular. It thrives in all soils and in all sections, producing a heavy yield of large, smooth, white skinned tubers. There is no variety superior in quality to Green Mountain; it has a delightful dry mealy flavor when cooked. A good variety to store for winter use.

The prices of potatoes fluctuate. Write us stating quantities and varieties you are interested in and we will quote you attractive prices. Be sure to plant Maine grown seed.

PURE BRED PUMPKIN SEED

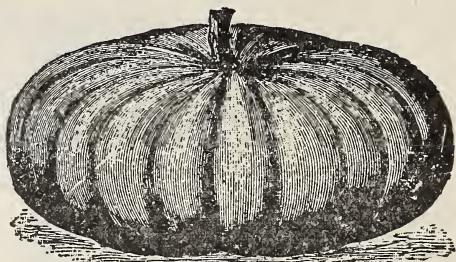
One ounce will plant 25 hills; 2 to 3 lbs. to acre. Pumpkins are rapidly growing in favor throughout the South. The larger and coarser sorts make excellent stock food, while the majority of the sorts make excellent pies and are also used in a number of other ways.

Pumpkins may be planted most any time during spring and early autumn in hills 10 to 12 ft. apart among corn rows, or in the open. They produce the best crops in deep loam, but are not particular about the soil, if the same has been well fertilized. Potash in some form is essential to their fullest development.

The pumpkin seed listed in this catalogue should not be compared with ordinary field stocks with no identity, gathered up here and there. Our stocks have been as carefully grown and selected as the most sensitive garden or flower seed, and we have priced them at the lowest possible figure.

KENTUCKY FIELD—A very popular Southern sort; large and flattened. A wonderful keeper; a good stock variety; also a valuable eating and pie sort. Skin mottled light green and yellow, changing to a creamy yellow when they mature. Flesh yellow, tender, and of excellent quality. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

SUGAR OR PIE—It is deeply ribbed. The outer color of the skin is dark green, almost



Sugar or Pie Pumpkin

black. It is not a large pumpkin, but one of the sweetest and best for pies. It is fine grained, deliciously sweet, and a very good keeper; the flesh is rich, deep orange yellow in color. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.10.

TENNESSEE SWEET POTATO—Of medium size and nearly bell shaped, with neck slightly crooked. The creamy white skin is sometimes slightly green striped. The flesh is of creamy white color, deep, fine grained, and of unsurpassed quality for stock feeding or making pies. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

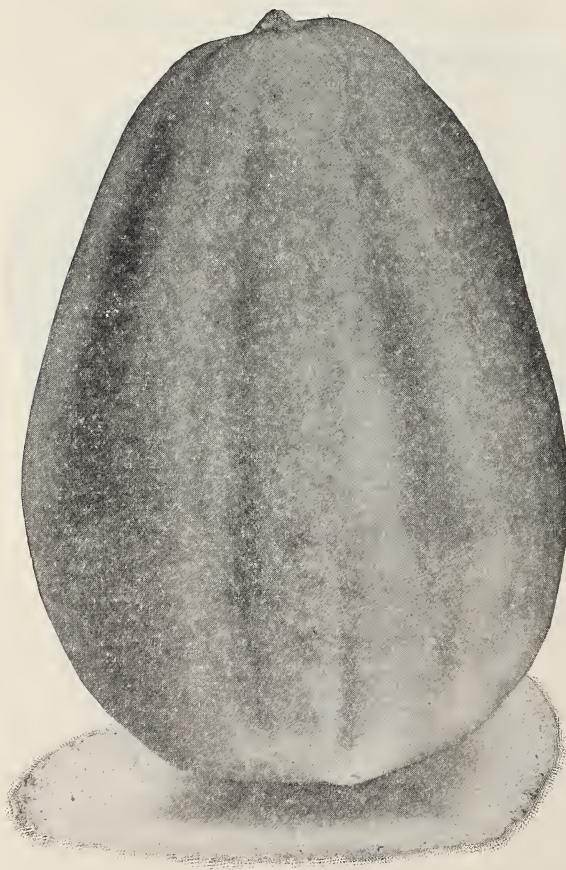
LARGE CHEESE PUMPKIN—This is one of the best late varieties. The skin is of a bright orange and the flesh yellow and sweet. It is also a good keeper, and very fine for wintering stock. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

CANDY ROASTER—This variety, as well as we know, is being grown exclusively in Western North Carolina. It is a hybrid between the Pumpkin and Winter Squash. The meat has a sweeter flavor than either. When first stewed, then put in a pan, putting spice and sugar on it, and baking or roasting, it has the flavor of "candied" sweet potatoes. It is also often cut up in small pieces and put in the stove and baked or roasted. After sprinkling sugar over it, the rind has a brownish-gray color, sometimes mixed with the orange yellow. Seeds are large, with a polish and hard surface. Seed limited. Price, pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 85c.

KING OF MAMMOTH—This is the largest pumpkin in the world, and has been known to reach 250 lbs. in weight. It is of grayish yellow color, and is only grown for stock feeding or as a curiosity. Postpaid, pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

GREEN STRIPED CUSHAW—This is one of the finest pumpkins in existence, a long, crooked neck, terminating in a round or oblong end, enclosing a very small seed cavity; flesh surrounding seed cavity very thick. The neck is absolutely solid, rivaling the finest sweet potatoes for baking, or as a pie sort it has no equal. A splendid keeper. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

GOLDEN YELLOW OR YELLOW CUSHAW—Similar in every way to the Green Striped Cushaw, except in color, being a dark golden yellow. Very sweet. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.



Candy Roaster Pumpkin

(From a Photograph of One Weighing 55 Lbs.)

RADISH

CULTURE—For an early supply sow in a hot-bed in February, care being taken to give abundant ventilation to prevent running to leaves. For open-air culture and succession, sow from middle of March until September at intervals of 10 days. Radish do best in a rich loamy soil and must be cultivated often and thoroughly, as it is very important to mature the crop quickly, to retain their crisp, tender quality. One oz. sows 100 ft. of drill; 9 to 10 lbs. to an acre.

RAPID RED—The quickest growing round red radish. Some of our customers report the remarkable fact that they grew some of these radish large enough to eat in 12 to 15 days, while the average time of maturing is from 18 to 20 days from planting. The radishes are perfectly round; $\frac{3}{4}$ inch in diameter, with thin bright red skin, firm white flesh, crisp and mildly pungent; leaves short and small. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

EARLY SCARLET TURNIP—White tipped; a beautiful variety, deep scarlet, white tipped. Recommended to gardeners as an excellent early, also a splendid variety to sow late in the summer for fall use. It is very attractive looking and always a good seller on the market. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

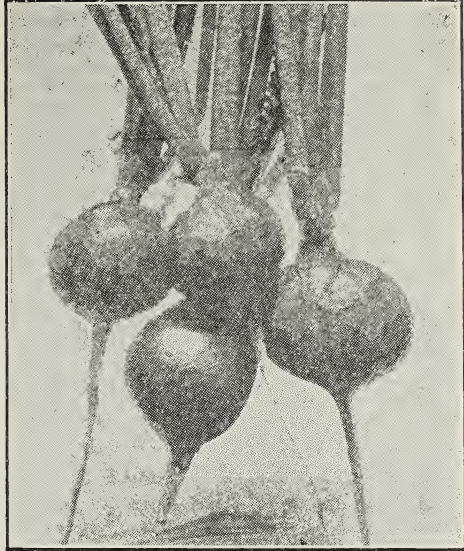
VICK'S SCARLET GLOBE—We have an exceptionally fine stock of this superb variety. It is one of the very earliest of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped, and with a very small top; always crisp and tender; color a bright scarlet. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

FRENCH BREAKFAST—Of oblong form, small and quick growing; color bright rose-scarlet, with small, white tip; good outdoors or under glass. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

LONG WHITE ICICLE OR LADY FINGER—Also called White Vienna. A beautiful transparent white variety, about 3 inches long, and $\frac{1}{2}$ inch in diameter, with small tops; very crisp and brittle, and remains in good condition a long time; does not get pithy. Suitable for forcing. The best white radish. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

RICE'S SAXA—The earliest of the forcing radishes, and one of the slowest to shoot to seed. Round, bright scarlet, and with the smallest possible top. We have an excellent stock of this radish and can highly recommend it. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

ROUND SCARLET CHINA—An "all seasons" radish, of the Scarlet China winter type, but is more round and quick in growth. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.



Rapid Red Radish

ROSE CHINA WINTER, SCARLET CHINA—One of the very best winter sorts; roots are cylindrical, or largest near the bottom, stump rooted or blunt at both ends; skin smooth and bright, deep rose color; flesh white, crisp and pungent; the roots grow 4 to 5 inches long and 2 inches thick. Price, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. 90c.

Rhubarb Roots

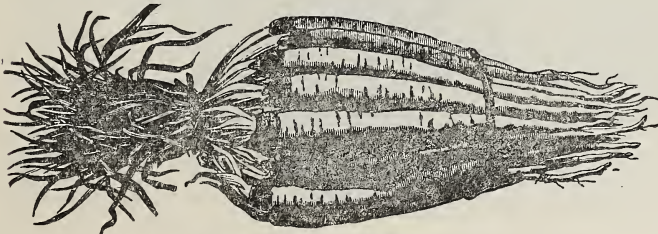
Do best in a moist or shady place, set out early in the spring or fall in deep well worked soil, 4 ft. apart each way. Mix freely with manure or coarse litter. Postpaid, large roots, 30c each; \$3.25 per doz. Express, Not Prepaid, 25c each; \$2.50 per doz.

Salsify Or Oyster Plant

CULTURE—This plant succeeds best in a light well enriched soil, which, previous to sowing, has been stirred to a depth of 12 to 14 inches. Make drills about 3 inches deep and from 18 to 24 inches apart; sow seed in drill about 1 to 2 inches. When plants are 3 inches high, thin to 3 inches apart. One oz. sows 50 ft. row; 3 to 4 lbs. to acre.

MAMMOTH SALSIFY

This is a great improvement in the salsify plant. The roots are much larger, less stringy and more delicate flavored. The most popular market sort. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.85.



Mammoth Salsify

SPINACH SEED

One ounce sows about 100 ft. of drill; 10 to 15 lbs. per acre in drills. This is a very important crop in our market gardens, and is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use the entire season. The main crop is sown in September but for summer use it may be sown at intervals of 2 or 3 weeks from March to November. The fall sowings should be covered, when in exposed places, only with straw or litter during the winter to prevent frosting. Spinach is most tender and sweet when grown in rich soil; it finds a ready and profitable market.

BLOOMSDALE SAVOY LEAVED, NORFOLK SAVOY—This very early and hardy variety is the popular favorite of the market gardener and the canner. The plant grows upright, the crumpled leaves are medium in size, and of beautiful dark green color, crisp, and tender. In extremely hot weather it has a tendency to go to seed, but for fall planting it is a very superior variety. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

LONG STANDING—Many varieties suffer in hot weather, running to seed. Long Standing Spinach is peculiarly adapted for withstanding hot weather. The plant is small, with lustrous green leaves which are short, broad, very thick, and of such substance that little bulk is lost in cooking. It has unequalled flavor and tenderness. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.

NEW ZEALAND—The stems and leaves are soft, thick, and fleshy, and of a crystalline appearance. The plants are heat resisting, and make vigorous growth in summer, even during hottest weather. Only the leaves are used for greens, but they make delicious greens all summer. New Zealand Spinach is killed at first frost. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



Spinach

Squash

CULTURE—Plant in hills after danger of frost is past, in a warm, well-pulverized, rich soil. Hills for bush varieties 4 ft. apart, running sorts 8 ft. apart. One oz. plants 25 hills; 3 to 4 lbs. to an acre.

Early Summer Varieties

EXTRA EARLY WHITE BUSH OR PATTY PAN—Of a light green color. Early, very prolific, a nice size; very popular for shipping, for nearby markets, and home use. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.

GIANT SUMMER CROCKNECK—It's the best summer squash, and is as large as the ordinary Summer Crockneck, far more warty and several days earlier. This combination of earliness, large size and wartiness, which adds so much to its attractiveness, makes it altogether the most desirable squash for the market and private garden. Color, a rich golden yellow. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.60.

Winter Varieties

CHICAGO WARTED **HUBBARD**—This seems to be, by all odds, the best strain of Hubbard Squash we have ever known. Some of its good points are large size, dark green, almost black color, all looking alike, and withal distinguished by a dense covering of knots, "warts"; thick fleshed, of first-class quality; a good keeper. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

FORDHOOK—This squash can be either used as a summer or winter variety. Color bright yellow, meat thick, and good quality. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.

DELICIOUS—Very similar to the Hubbard, but of much superior flavor, and a more reliable cropper. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

MAMMOTH CHILI—Favorite variety for exhibition purposes. Attains an immense size. Excellent for stock. Can also be used for the table, as the flesh is fine-grained and of good flavor. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.50.



White Bush Sca'lop and Giant Summer Crockneck

CHOICE TOMATO SEED

CULTURE—For early use, sow in February or March, in a hot-bed or in boxes, which should be placed near a window. When the seedlings are about 2 inches high, transplant in 2 or 3 inch pots, or in rows 4 to 5 inches apart, keeping the temperature at about 60 degrees. Subsequent transplanting will make the plants stocky and strong. Do not set them in the open ground until all danger from frost is past. Then plant into a warm, sunny location, 3 ft. apart each way, and water freely until they are well established. One oz. of seed will produce about 2,000 plants.

SPARK'S EARLIANA—Very early fruit, borne in clusters. A particularly profitable tomato for market gardeners. Vine small but vigorous and productive. Fruits deep scarlet, large, nearly round and exceptionally smooth for so early a variety. The fruit is borne in clusters near the base of the plant, and the bulk of the crop ripens very early. Valuable for early market; medium size, color a glossy red with purplish tinge. Postpaid, pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

JUNE PINK—Extra early; good shipper. An extra early, purplish-pink tomato, similar to the popular scarlet fruited Earliana in growth of vine, shape and size of fruit and time of maturing. This is a variety of exceptional value to market gardeners. Postpaid, pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.00.

BONNIE BEST—An elegant sort for home market or shipping on account of its even size and fine keeping qualities. Large smooth fruit of a rich scarlet red, which is the color demanded by many markets. Fruit smooth, uniform, thick, with small core, an excellent tomato for any purpose. Slices exceptionally well. Fruit borne in clusters of 5 or 6, all ripening evenly together. Postpaid, pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 90c; lb. \$2.50.

MATCHLESS—A very dependable, large, smooth, second early sort; makes a good canning variety; color cardinal red. Postpaid, pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

LIVINGSTON'S BEAUTY—The best all-round tomato; exceedingly early, large, smooth, and remarkably prolific. It is grown more largely by truckers and market gardeners than any other sort. The variety is of glossy, crimson color, with slight tinge of purple; skin tough; good keeper and shipper. Postpaid, pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

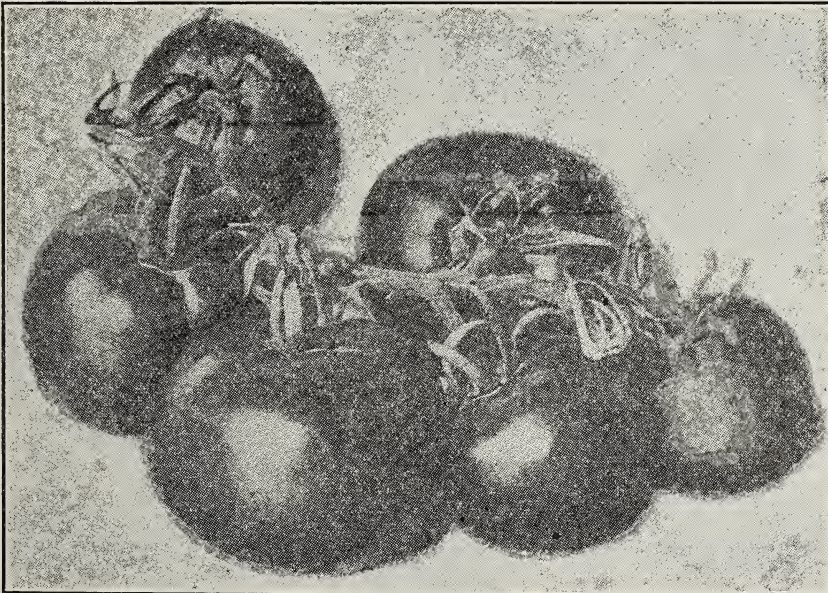
BEAUTY—A productive main crop variety; fruits large and exceptionally smooth, solid, and of excellent quality; color purplish-pink. Postpaid, pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

JOHN BAER—A remarkable new variety of the extra early red or scarlet type. Maturing a few days after Earliana, John Baer yields a much heavier crop of more uniform and more attractive tomatoes. It is more profitable to grow than any other early sort. Postpaid, pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

RED ROCK—Bright red; a wonderful main crop variety, producing large, solid, bright red tomatoes, free from an excess of water, as smooth as an apple, of superior texture and flavor, an enormous cropper, and an excellent shipper. The vine is a vigorous grower, which protects the fruit from sunscald. Very good for home or market use, and for canning it is unexcelled. Postpaid, pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

STONE—One of the most valuable all-round sorts on our entire list. The fruit is large, of dark brick red color, fleshy, and is not subject to rot like some varieties; nor does it ever have a green core. We can especially recommend it for a late crop, and very desirable for canning. Postpaid, pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.50.

DWARF STONE—Plants are strong and vigorous, of typical dwarf growth. The fruits are produced in many clusters of 3 or 5 tomatoes, averaging $2\frac{1}{2}$ inches in diameter. They are bright scarlet, very smooth, firm, and solid; and the fruits have solid, meaty center, with no core. The quality is unsurpassed. Postpaid, pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00.



Dwarf Champion or Tree

Choice Tomato Seed—Continued



Bonnie Best Tomatoes

PONDEROSA—Unquestionably one of the largest tomatoes grown. The vines are vigorous, producing a very large stalk and an unusually thick stem, which is accounted for in the great size and weight of the fruit. It is one of the best flavored sorts grown, almost solid, and contains scarcely any seed. The fruit, when ripe, is cardinal red, and on account of its compact structure will keep longer than any other sort. Postpaid, pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.00; lb. \$6.00.

BRIMMER—This fine variety has the smooth and firm characteristics of Stone, and the size and fine qualities of Ponderosa. It is almost seedless. Postpaid, pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 45c; oz. 75c.

BEEFSTEAK OR TENDERLOIN—A large, solid, deep red variety, much resembling Ponderosa in form, though smaller in size, and more flat. This is the first year that we have sold the Beefsteak or Tenderloin but we feel confident it will prove a very profitable and popular variety. Postpaid, pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 45c; oz. 75c.

DWARF CHAMPION OR TREE—Second early, medium size; upright grower. A second early, purple-pink variety, especially desirable where garden space is limited. Vine about 2 ft. high, vigorous, upright, and compact growing. Fruits medium sized, exceptionally smooth, and of very good quality. Postpaid, pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. \$1.20; lb. \$4.00.

GOLDEN QUEEN OR YELLOW TROPHY—A bright orange yellow sort; makes large, handsome smooth tomatoes of fine quality; medium late. Postpaid, pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.60.

YELLOW PEAR SHAPED—A small Italian

variety, producing its fruit in great clusters, shaped like a pear. Desirable for pickling and preserves. Postpaid, pkt. 5c; oz. 35c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

TOMATO PLANTS—See Page 30.

Tobacco Seed

One oz. will sow a bed of 50 yards. The seed should be sown as early as possible after danger of frost is over. When the plants are about 6 inches high, transplant into rows 4 or 5 ft. apart each way. Most of the tobacco used is grown in the South. North Carolina and Virginia soils produce tobacco easily and profitably. From a packet to an ounce will supply most anyone. Then why not save money and raise your own tobacco?

WHITE BURLEY—The best filled tobacco known, on account of its absorbing qualities. Has a long, wide leaf, very porous, makes bright reds; fine for plug fillers and wrappers. Best adapted to limestone soils. Postpaid, pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.25; lb. \$7.00.

SWEET OR LITTLE ORONOKO—Makes the finest fillers and the best natural chewing leaf. Cures a rich red; long and narrow leaf; tough and waxy. Best adapted to rich and gray soils. Postpaid, pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$2.25.

CHOICE HAVANA—An Americanized Havana, used for cigar purposes, although sometimes used as a manufacturing sort. Has a very large, long fine quality leaf; very early, making two crops a season in some sections. Best adapted to chocolate or rich gray soils. Postpaid, pkt. 10c.

SELECT TURNIPS AND RUTABAGAS

CULTURE—Most varieties can be planted in April or May when wanted for early summer use, though for main crop, seed should not be sown until July or August. Plant in rows 12 to 15 ins. apart, covering $\frac{1}{2}$ in. deep. When well started, thin out to about 4 of the best plants to a ft. of row. Cultivate thoroughly and often. Successive plantings may be made to have fresh turnips throughout the summer. One oz. for 50 ft. row; 2 lbs. to acre in rows.

PURPLE TOP WHITE GLOBE—Of a perfect shape about 6 inches in diameter, with smooth, white skin; flesh pure white, firm and crisp, and of quick growth. A good keeper and is fine for the market. A general favorite. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

LARGE WHITE GLOBE—Very productive; in good soil, roots frequently grow from 10 to 12 lbs. Good for table or stock feeding. A favorite sort. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

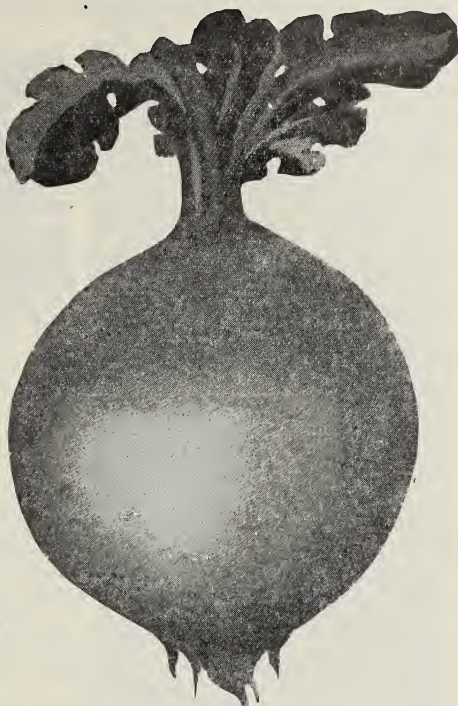
EARLY WHITE EGG—A very excellent quality. Nearly oval or egg shaped. Flesh firm and fine grained, and of snowy whiteness. Its flavor is of the very best. Particularly desirable for the table. Can be sown as late as middle of August. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.

EXTRA EARLY PURPLE TOP MILAN—A white variety, purple top and strap leaf. This, with the White Milan, is the earliest of all Turnips. Remains in good condition a long time. Postpaid, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

EARLY FLAT DUTCH STRAP LEAVED—Matures only a week after the earliest Milan, but keeps much longer in fine condition. The skin is pure white, the flesh is mild, and of best table qualities. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.

LARGE YELLOW OR AMBER GLOBE—The flesh is beautiful yellow, very fine grained, and very sweet. It will grow to a very large size in the South; is one of the very best keepers for winter use. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.

PURPLE TOP STRAP LEAVED—Early; heavy cropper; good keeper. Fine grained, and never stringy or tough; leaves are few and upright in growth. Roots flat, medium size, white below ground and purple or dark red above. Flesh white. Roots are in best condition for the table when $2\frac{1}{2}$ to 3 inches in diameter. When grown much larger, they should be fed to stock. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 70c.



Purple Top White Globe

LONG WHITE OR COW HORN—Slender, tapering roots, 6 to 8 inches in length, measuring $1\frac{1}{2}$ to 2 inches in diameter. The roots grow half their length above the surface, and are pure white with crisp, sweet flesh. Its matured growth is similar to a cow's horn. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c. Subject to being unsold.

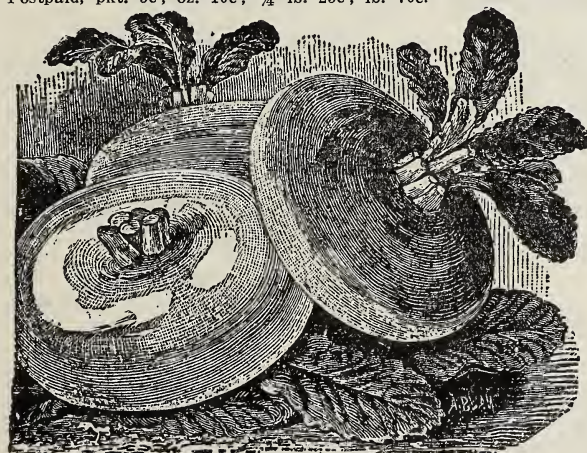
Salad Turnips

SEVEN TOP—Does not produce a good root, but is extensively grown in the South for the tops, which are used as greens. Very hardy and will grow all winter. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

Rutabagas

Rutabagas, Swedish or Russian Turnips, are extensively grown for a farm crop. The roots are close-grained, hard, and will endure a considerable degree of cold without injury, if preserved in a pit or cellar during the winter. Rutabagas are superior to any other vegetable root grown for cattle, horses and sheep. The animals thrive and fatten on rutabagas, carrots, and mangels, fed in combination with hay.

IMPROVED PURPLE TOP YELLOW—This is the standard all-purpose sort; very hardy, producing well-formed, solid sweet flavored roots. Leaves quite small; very small neck. Postpaid, pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



Purple Top Strap Leaf

Herbs—Aromatic And Medicinal

Most every family grows around the yard or garden one or more herbs of some variety. They are a class of plants deserving of larger cultivation. Some of them are annuals, mature and seed every season, and must be planted every year; while others are perennial in character, do not have to be planted every year, but make new growth from the old roots.

ANISE—A hardy annual, largely used as a medicinal herb. Postpaid, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c.

BALM—A perennial herb, easily propagated from the root or seed. Postpaid, pkt. 10c; oz. 35c.

SWEET BASIL—A hardy annual, easily grown; seed and stems have a pungent flavor like cloves. Postpaid, pkt. 5c; oz. 20c.

CARAWAY—The plant is largely cultivated for its aromatic seed, which are used to a great extent in bread and other pastry. Postpaid, pkt. 5c; oz. 15c.

CATNIP—A hardy perennial; easily propagated from roots or seed. Valuable medicinal plant. Postpaid, pkt. 10c; oz. 50c.

DILL—An annual, largely cultivated for its aromatic seed, which are used for flavoring pickles, etc. Used as a medicine for colic in children. Postpaid, pkt. 5c; oz. 15c.

HOREHOUND—Valuable perennial herb, largely used in cough medicine. Postpaid, pkt. 5c; oz. 30c.

LAVERENDER—A hardy perennial, grown mostly for its perfume. Postpaid, pkt. 5c; oz. 30c.

SWEET MARJORAM—A tender perennial, used for its delicate flavor. Postpaid, pkt. 5c; oz. 50c.

SAGE—A hardy perennial, widely grown from seed. Grown for flavoring meats, sausages, etc. Postpaid, pkt. 5c; oz. 50c; $\frac{1}{4}$ lb. \$1.75.

SUMMER SAVOY—An annual, grown largely for flavoring soups, etc. Postpaid, pkt. 5c; oz. 30c.

THYME—A perennial, grown both for its medicinal virtues and its flavoring qualities. Postpaid, pkt. 5c; $\frac{1}{2}$ oz. 50c; oz. 85c.



Gourds

TENDER ANNUAL CLIMBERS—Plant in hills after the danger of frost is past, and cultivate as you would cucumbers or squash, leaving 2 or 3 plants to a hill. They may be trained over lattice work, fences, etc. Dried shells of these fruits are quite useful for household purposes.

DIPPER GOURD—Makes a light, convenient dipper. When grown on the ground, the stems will be curved, while if raised as a climbing vine the blossom end will cause the blossom end to grow straight. Postpaid, pkt. 10c; oz. 25c.

SUGAR TROUGH GOURD—Grows very large. The shell, when dried, is thick and hard, extremely light, but very durable. Used for buckets, large dishes and many other household purposes. Postpaid, pkt. 10c; oz. 35c.

JAPANESE NEST EGG GOURDS—Grow almost uniformly to the size, color and shape of a hen's egg. The shells are hard and make the very best nest eggs. They are also useful for stocking darning. Postpaid, pkt. 10c; oz. 35c.

CHOICE MIXED GOURDS—Postpaid, pkt. 5c; oz. 25c.

Summer Flowering Bulbs And Roots

There is nothing in floriculture which, to the amateur will be attended with as great satisfaction or give as grand results, as the cultivation of this class of flowering plants. Set out in early spring, they bloom all summer. No matter if planted solely to beautify the home grounds or cultivated by the small boy as his first step to profitable floriculture, the returns will be equally gratifying. They are of easiest culture, inexpensive, and require scarcely any care. Most of these bulbs should be taken up before severe frost and stored away in a frost-proof cellar, if possible in dry sand, to preserve for replanting the following spring.

Peonies

Peonies may be planted in spring as soon as the frost is out of the ground. But only two or three inches of soil over the crown, deep planting is often cause of shy blooming. Do not transplant for at least five years. We have large clumps in the following colors: red, pink, and white. Postpaid, each, 40c; 3 for \$1.15.

Thrifty Canna Roots

AUSTRIA—Lemon chrome yellow, green foliage, 5 feet.

CHAS. HENDERSON—Crimson; green foliage, $4\frac{1}{2}$ feet.

KING HUMBERT—King among cannas, copery scarlet, bronze foliage, 4 feet.

YELLOW KING HUMBERT—Golden yellow; dotted red, green foliage, $4\frac{1}{2}$ feet. Price, 15c each; 3 for 40c; \$1.50 per doz.

Hardy Chrysanthemums

Pink, White, Red, Yellow. Price, 20c each; 3 for 55c; \$2.10 per doz.

Paper Flower Pots

For transplanting and shipping potted plants. Write for prices.

DAHLIA BULBS

Dahlias require plenty of room and thorough cultivation. Plant bulbs 4 inches deep, mixing 1 lb. of bone meal or 2 shovels of well rotted stable manure to each bulb. Do not water unless it is done regularly at least once a week. Plant after danger of frost is past and as late as the first of June.

Cactus Dahlias

PIERROT—A wonderful Dahlia of immense size, both a fine exhibition flower and garden variety. A unique and striking color of unusual grace. Long narrow tubular petals of a deep amber color, usually showing white tips, but even when it comes all amber it is unusually beautiful and most attractive. Postpaid, 60c each; 3 for \$1.50.

MARY DORR—A very free bloomer, keeps well in water when cut. Deep amaranth-pink with white tips and center. Beautiful incurved petals. Postpaid, 75c each; 3 for \$2.00.

BILTMORE—Velvety, dark red, free bloomer, strong bushy plants, which enables blooms to withstand considerable cold. This is an extremely attractive Dahlia, which does well in the private garden, being easy to grow. Postpaid, 35c each; 3 for 85c.

YELLOW KING—One of the largest Cactus Dahlias and one of the finest new varieties. The immense light yellow flowers are borne on long stems. Strong, vigorous grower, and a free and early bloomer. Postpaid, 30c each; 3 for 75c.

Decorative Dahlias

GIANT COPPER—Free bloomer, flowers of large size, measuring not less than 4 inches in diameter and frequently 7 inches. Color, bronze copper, a very pleasing autumn tint. Flowers borne on perfect long stems and held well above the foliage. A splendid cut flower. Postpaid, 50c each; 3 for \$1.25.

OX BLOOD—A free blooming tall plant of attractive color. A splendid garden variety. Postpaid, 35c each; 3 for 85c.

CANARY—Early and free bloomer of pleasant soft yellow color. Postpaid, 25c each; 3 for 60c.

Show Dahlias

IMPERIAL RED—Very free flowering, perfect ball form of rich red color, very tall plant, round bush form, growing 7 to 8 ft. high. Postpaid, 35c each; 3 for 85c.

WHITE SWAN—Pure white flower. Good keeper in water when cut. Plant of good value. Postpaid, 25c each; 3 for 60c.

Single Dahlias

FAIRY QUEEN—Easily grown on trellis. Free branching plant and good bloomer. Attractive orange color with light yellow center and tips, sometimes showing a blend of orange and yellow. Postpaid, 35c each; 3 for 85c.

Mixed Dahlias

We offer an assortment of Mixed Dahlias of various colors and varieties listed above but of second choice and also including some bulbs grown from seed last year. This assortment will make an attractive garden showing. Postpaid, \$2.50 per doz.

Tuberoses

Delightfully fragrant; fine for bouquets. Plant when the ground gets warm or start in pots or in hot-beds and set outside in May. Give plenty of water.

EXCELSIOR PEARL—Mammoth bulb. Postpaid, 12c each; 4 for 40c; doz. \$1.15. By Express, 10c each; 4 for 35c; doz. \$1.00; 100 for \$7.00.

SINGLE OR ORANGE FLOWERED—Blooms earlier than the Excelsior Pearl; single flower; orange tinted. Price, \$1.00 per doz. If by mail, \$1.10 per doz.

Caladiums

ELEPHANT'S EAR—A very effective plant for beds or groups, especially in lawns. To have the best results, they must have an abundance of water and plenty of rich manure. When full grown, they stand 6 to 8 ft. high, and bear im-



Decorative Dahlia

mense light-green leaves 3 to 4 ft. long and 2 to 2½ ft. wide. First Size Bulbs—Eleven to thirteen inches in circumference. Postpaid, 30c each; \$3.10 per doz. Second Size Bulbs—Eight to eleven inches in circumference. Postpaid, 20c each; \$2.10 per doz.

Gladiolas

Attractive and easily grown summer bloomers, giving gorgeous effects in mixed beds, massed in large clumps, and when planted in clusters among shrubs. For a succession, plant at intervals from April till June. Plant 6 inches apart and 4 inches deep.

MIXED GLADIOLAS—Our mixtures cover a wide range of colors. Extra large. Postpaid, 7c each; doz. 65c; 100, \$4.40.

Straight Varieties

AMERICA—Soft lavender pink.

MRS. FRANCIS KING—Brilliant flaming pink blazed with vermillion red.

CHICAGO WHITE—White, lavender marking in throat.

MRS. FRANK PENDLETON—Salmon pink, with rich ermine blotches in the throat.

SCHWABEN—Clear canary yellow, shading to a soft sulphur yellow. Postpaid, each, 10c; doz. \$1.10.

HARDY VEGETABLE AND FLOWER PLANTS

The demand for our hardy plants has been increasing each year, and every day we receive letters of approval or words of appreciation for the plants and bulbs purchased from us last year.

These plants are all grown from the very finest strain of seeds and under the supervision of a gardener and florist that has had many years' experience. We are confident that you will be pleased, not only with our plants but the service we give you. In as far as possible

we make shipment the same day order is received. Under normal conditions the plants we ship you will produce the finest vegetables and flowers.

We will accept orders for immediate or future delivery at the prices quoted, subject to crop failures and stocks unsold. Please send remittance with order, as we will positively ship no plants C.O.D. We guarantee safe delivery except where incorrect address is given by the customer. No plants will be shipped C.O.D.

Vegetable Plants

Asparagus, Double Rooted

PALMETTO, BARR'S MAMMOTH, CON-OVER'S COLOSSAL—Postpaid, 50 for 85c; 100 for \$1.50. Express, 50 for 75c; 100 for \$1.35; 1,000 for \$11.00.

Cabbage Plants

Our own plants will not be ready until the first of April; however, we can supply Frostproof Cabbage Plants of good quality in any quantities. These are hardened and will usually withstand severe freezes. When Frostproof Plants arrive, they appear withered and lifeless; however, a large percentage live and thrive after being properly set. Both Frostproof, and our own plants will be grown from superior strains of Long Island grown cabbage seed.

FROSTPROOF CABBAGE—Early Jersey Wakefield, Charleston Wakefield, or Henderson's Early Summer. Postpaid, 100 for 30c; 1,000 for \$2.15. Not Prepaid, 1,000 for \$2.00; 5,000 for \$1.75 per 1,000.

OUR OWN PLANTS—Ready from April to October. Early Jersey Wakefield, Charleston Wakefield, Henderson's Early Summer, Early Drumhead, Late Drumhead, Danish Ballhead, Early Flat Dutch, or Late Flat Dutch. Postpaid, 100 for 30c; 1,000 for \$2.15. Not Prepaid, 1,000 for \$2.00; 5,000 for \$1.75 per 1,000.

Egg Plant

NEW YORK IMPROVED SPINELESS AND BLACK BEAUTY—Double Rooted, Postpaid, doz. 50c; 100, \$3.25. Double Rooted, Not Prepaid, doz. 45c; 100, \$3.00. Potted, Postpaid, doz. 75c. Potted, Not Prepaid, doz. 60c; 100, \$4.25.

Facts Of First Importance

Our plants are well grown, strong, healthy, plants. The quality of our stock is the best money can buy. The prices are the most reasonable. Our plants this season are better grown

and larger than last year, and we have a larger and better stock. Some plants we carry in stock we do not list. Let us know your wants, and we will do our best to fill your order.

Flower Plants

Climbing Roses

Two year old. Dorothy Perkins Pink, Gardenia Yellow, Excelsior Crimson, Crimson Rambler, Dr. Van Fleet Pink, Wichuriana Memorial White. Prices, Postpaid, 35c each; \$3.75 per dozen.

Tomatoes

Dwarf Champion, Dwarf Stone, Brimmer, Ponderosa, Bonny Best, Stone, Livingston's Beauty, Chalk's Early Jewel, Spark's Earliana, June Pink, Red Rock. Double Rooted, Postpaid, doz. 40c; 100, \$3.00. Double Rooted, Not Prepaid, 100, \$2.75; 1,000, \$20.00. Potted, Postpaid, doz. 65c; 100, \$4.25. Potted, Not Prepaid, 100, \$4.00; 1,000, \$38.00.

Cauliflower

SNOWBALL AND EXTRA EARLY ERFURT—Double Rooted, Postpaid, doz. 30c; 100, \$2.25. Double Rooted, Not Prepaid, 100 for \$2.00. Potted, Postpaid, doz. 60c. Potted, Not Prepaid, 100 for \$4.00.

Celery

WHITE PLUME, GOLDEN SELF-BLANCHING, GIANT PASCAL—Double Rooted, Postpaid, 50 for 70c; 100, \$1.25. Double Rooted, Not Prepaid, 100 for \$1.10; 1,000 for \$10.00.

Horse Radish Roots

Postpaid, per dozen, 20c; per hundred, \$1.25.

Sweet Pepper

RUBY KING, CHINESE GIANT, BELL OR BULL NOSE, AND PIMENTO—Double Rooted, Postpaid, doz. 45c; 100, \$3.25. Double Rooted, Not Prepaid, 100, \$3.00; 1,000, \$20.00. Potted, Postpaid, doz. 65c; 100, \$5.00. Potted, Not Prepaid, 100, \$4.50; 1,000, \$42.00.

LONG RED CAYENNE, HOT PEPPER—Double Rooted, Postpaid, doz. 45c; 100, \$3.25. Double Rooted, Not Prepaid, 100, \$3.00; 1,000, \$20.00. Potted, Postpaid, doz. 65c. Potted, Not Prepaid, 100, \$4.50.

Sweet Potatoes

NANCY HALL, SOUTHERN QUEEN, PORTO RICO—Postpaid, 100 for 45c; 1,000 for \$3.75. Not Prepaid, 1,000 for \$3.50; 5,000, \$3.25 per 1,000.

Hybrid Tea Or Ever-Blooming Roses

Etoile de France, Crimson; Hadley, Dark Red; Heesler Beauty, Red; Kaiserine, A Victoria White; Maman Cochet, White; Maman Cochet, Pink; Sunburst, Yellow; Baby Rambler Bush. All above one year old. Prices, 35c each; \$3.75 per doz. Postpaid, 45c each; \$4.25 per doz.

FLOWER PLANTS

Our Hardy Perennial Plants and our Annual Bedding Plants gave the utmost satisfaction to all of our customers last season, and we had many repeat orders, with expressions of pleasure. These plants are grown in pots, and when

they reach you they are in a strong, healthy condition, ready to be repotted or set outdoors. All stocks quoted subject to change and unsold. Send your order early for future shipment. No plants will be shipped C.O.D.

Hardy Perennial Plants

Prices, 2½ in. pots, 10c each; \$1.00 per doz. Postpaid, \$1.25 per doz. Four in. or field grown, 15c each; \$1.50 per doz. Postpaid, \$1.75 per doz. Not less than six of one variety at dozen rate; 25 at 100 rate.

Ageratum Hardy, Eupatorium.
Alyssum Hardy.
Abelia Grandiflora.
Achela, White Pearl.
Anchusa, Italica.
Aquilegia, or Columbine, Four Varieties.
Arabis, Rock Cres.
Armeria Formosa.
Asters, Alpinus.
Bellis Perenis, Double White and Pink.
Bo'tonia Astoroides.
Buddleia, Butterfly Bush.
Campanula, Canterbury Bell, Pink, Blue, White.
Caryopteris, Blue Spirea.
Cerastium, Snow in the Mountain.
Centaurea.
Cineraria, or Dusty Miller, Two Varieties.
Chrysanthemum, Named Varieties, Red, White, Pink, Yellow.
Shasta Daisy.
Clematis Paniculata, Grandiflora, Vine.
Coreopsis Lanceolata.
Cow Slips.
Delphineums, Larkspurs Chinese Blue.
Delphineums, Larkspurs Bellamosum, Dark Blue.
Delphineums, Larkspurs Belladonna, Light Blue.
Delphineums, Larkspurs Gold Medal, Hybrids.
Delphineums, Larkspurs Formosum, Dark Blue, White Eyed.
Delphineums, Larkspurs Double Flowering, Mixed.
Digitalis, Fox Gloves, White, Rose, Pink, Purple.
Dianthus Pinks, Four Varieties.
Gailardia.
Geum, Mrs. Bradshaw.
Gypsophilea, Hardy Baby Breath, Pink, White.
Helianthemum.
Helianthus.

Holiopsis.
Hypericum, St. John's Worth.
Hollyhocks, Double, Rose Pink.
Hollyhocks, Double, Bright Rose.
Hollyhocks, Double, Red.
Hollyhocks, Double, Maroon.
Hollyhocks, Double, Yellow.
Hollyhocks, Double, White.
Hollyhocks, Double, New Port Pink.
Iberis, Hardy Candytuft.
Iris Germanica, Blue Beard.
Lavendula, Very True, Lavender.
Lathyrus Latifolius, Hardy Sweet Peas.
Linum, Perenne Blue.
Lobelia, Hardy Cardinal Flower.
Lupinus, Lupine Blue, Pink.
Matricaria Fever Few, White.
Moss Pinks.
Pansy Giant Trimardau, Potted.
Pontstemen Barbatas.
Pansy Giant Trimardau, Double Rooted, Large, 50c.
Pashysandra, Japanese Sperge.
Platycedem Japonicus.
Poppy Orientale.
Poppy Oriflame.
Poppy Iceland.
Pyrothrum Roseum.
Pyrothrum Golden Feather.
Salvia Hardy, Farinacea.
Salvia Hardy, Azure.
Polygonium Silver Lace, Vine.
Stokesia Cyanea, Blue.
Stalica.
Sweet William, White.
Sweet William, Scarlet Beauty.
Sweet William, New Port Pink.
Thalictrum Aquiligifolium.
Tritoma, Red Hot Poker.
Veronica Longfolia.
Vinca Trailing Vine.
Vio'lets, Prince of Wales.
Violets, Marie Louise.

Annual Bedding And Pot Plants

Not less than six of one variety at dozen rate. Special rates on lots of 100 on application. Following prices are by dozen, postpaid.

Ageratum Blue Perfection	\$.75
Alyssum Sweet	.75
Asheranthus Red Colious Like	.75
Anthirrhinum Snap Dragon	.75
Asters, Best Varieties	.75
Baby Breath	.75
Begonia Everblooming, Red, White, and Pink	1.00
Rex Begonia and Fancy, \$1.00 and	1.50
Calandula	.75
Candytuft	.75
Cannas, The President, King Hunbert, Shenandoah, Yellow King Hunbert	1.25
Cardinal Climber Vines	1.00
Cobea Scander	1.00
Coliour, Bedding Varieties and Trailing	.75
Cuphia Cigar Plant	.75
Delphinium Larkspur	.75
Dusty Miller	.75
Ferns, Teddy Jr., Boston Dwarf, Boston Big, \$1.00, \$1.50 and	2.00
Ferns, Plumosus Nanus, Springerii, Maiden Hair	1.00

Fushia	\$.75
Geraniums, Richard Crimson, S. A. Nut Dark Red, Crimson Bedder, Jeanne Veaud, Peach Blossom, Beauty, Salmon Pink, Pure White and Singles, Heliotrope Light and Dark Blue, Parlor Ivy	.75
Geraniums, Ivy Geranium	1.00
Impatiens Sultana	.75
Lantana, Bush and Trailing	1.00
Lobelia, Dwarf and Trailing	.75
Marigold, French	.75
Marigold, African, Large	.75
Moonflower Vine	1.00
Pansy, Giant Tromardau, Potted	.75
Pansy, Giant Tromardau, Double Rooted	.50
Petunia, Single and Double, Any Color	.75
Salvia, Splendena	.75
Salvia, American	.75
Salvia, New Variegated	1.25
Salvia, Edward P.	1.25
Tradascasantia, Wandering Jew Vines, Various Colors	.75
Verbena, Bedding	.75
Verbena, Lemon	1.00
Verbena, Variegated	1.00
Zinnia, Largest. Flowering	.75



SELECTED FLOWER SEED

GENERAL CULTURAL DIRECTIONS FOR FLOWER SEEDS—Most flower seeds germinate in a rather light sandy loam, exposed to the sun, while a few are benefitted by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all hardy seeds vegetate better when planted in early spring as soon as the soil can be worked fairly and easily and has become warm.

A general rule for the seed-bed is to have the soil rich, level, and worked finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled; for if it does, they will be pretty sure to fail.

After the seeds are up, care must be taken to give them plenty of air and moisture, and yet not too much water, or they will "damp-off" (rot at the top of the ground.) As soon as the second leaves are well out, the seedlings should be put into pots or new boxes. When finally transplanted to the bed or border, water frequently until established.

ABRONIA, SAND VERBENA, UMBELLATA—A trailing plant which thrives in poor soil. Its fragrant pink flowers borne in clusters all summer. Price, pkt. 5c.

ABUTILON, FLOWERING MAPLE, MIXED—Shrubby plants, suitable for house, greenhouse, or garden; 4 foot; drooping, bell-shaped flowers of various colors. Price, pkt. 10c.

ADLUMIA, ALLEGHENY VINE, CIRRHOSA—Climber; 15 foot; feathery foliage; pink flowers in mid-summer; desirable for covering trellises, tree stumps, etc. Price, pkt. 10c.

AGERATUM—Half hardy annual; grows well and blooms continually until destroyed by frost. Valuable for cut flowers. Tall sorts are effective grown with Alyssum, Candytuft, etc. Dwarf varieties are suitable for edgings. Imperial Dwarf—Blue, 9 to 12 inches. Price, pkt. 5c; ½ oz. 40c. Imperial Dwarf—White, 9 to 12 inches. Price, pkt. 5c; ½ oz. 40c.

ACHILLEA, MILFOIL OR YARROW, THE PEARL—One and one-half foot; double white daisy-like flowers in summer and fall. Price, pkt. 10c.

ALYSSUM—Hardy annual of dwarf habit, blooming until killed by frost. Fine for beds, borders, and vases. The snow-white flowers are fragrant and lasting. For edging to beds or borders, sow thickly to form masses. Cut flowers freely and others will take their places. Maritimum, Sweet Alyssum—One foot. Price, pkt. 5c; ½ oz. 20c; oz. 35c. Little Gem, Carpet of Snow—Six inch; best for pots. Price, pkt. 5c; ¼ oz. 25c; oz. 45c. Lilac Queen—Lavender Lilac. Price, pkt. 5c; ¼ oz. 25c; oz. 45c.

AMARANTHUS, CAUDATUS, LOVE-LIES-BLEEDING—Three foot; brilliant foliage; dark red, drooping spikes. Price, pkt. 5c; ¼ oz. 20c. Tri-Color, Joseph's Coat—Foliage crimson yellow and bronze. Price, pkt. 5c; ½ oz. 10c. Fine Mixed—Above and others. Price, pkt. 5c; ¼ oz. 10c.

AMPELOPSIS, BOSTON IVY, VECHTI—Rapid growing hardy vine. It adheres firmly to stone, brick, or wood. Foliage turns to scarlet in autumn. Price, pkt. 5c; ½ oz. 15c. Anemone Japonica, Japanese Windflower—Snowy white. Price, pkt. 5c; ¼ oz. 25c; oz. 45c.

ANTIRRHINUM, SNAPDRAGON—One and one-half to three foot; dark, glossy leaves, and curiously shaped, showy colored flowers with spotted throats. Snapdragons blossom the first year, if seed is sown early. Slightly covered with leaves, they survive our winters. Succeed best in rather light soil. Tall Sorts, Mixed—Price, pkt. 5c; ¼ oz. 25c. Dwarf Sorts, Mixed—Price, pkt. 5c; ¼ oz. 25c.

AQUILEGIA, COLUMBINE—Two to three foot; well-known and favorite plants for the garden border; especially suitable for shady places. Are easily grown, soon form large clumps, and bloom from May until August. Canadensis—Scarlet and yellow; native. Price, pkt. 5c. Chrysantha—Long-spurred, yellow, single. Price, pkt. 5c. Coerulea, Rocky Mountain Columbine—Sepals deep blue, petals white. Price, pkt. 10c. Double Mixed—Price, pkt. 5c; ¼ oz. 30c. Vulgaris—Single, mixed. Price, pkt. 5c; ¼ oz. 25c.

Selected Flower Seed—Continued

Asters

It is unnecessary to dwell on the great beauty of these popular favorites, as they are appreciated by everyone. Asters are annuals, and they are sufficiently hardy to endure a little frost without injury. We recommend sowing seed of a number of varieties, as by this method of culture the blooming season can be made to extend from June until late in the autumn.

ASTERS, TALL MIXED—Price, pkt. 10c; ¼ oz. 50c.

ASTERS, DWARF MIXED—Price, pkt. 10c; ¼ oz. 50c.

GIANT COMET ASTERS, MIXED — Price, pkt. 10c.

PEONY-FLOWERED ASTERS, MIXED—Price, pkt. 10c.

SEMPLE'S BRANCHING ASTERS — White, Price, pkt. 10c; ¼ oz. 60c. Light Pink, Price, pkt. 10c; ¼ oz. 60c. Rose, Price, pkt. 10c; ¼ oz. 60c. Lavender, Price, pkt. 10c; ¼ oz. 60c. Purple, Price, pkt. 10c; ¼ oz. 60c. Mixed, Price, pkt. 10c; oz. 45c.

CREGO ASTERS—One of the finest varieties. Flowers gigantic in size. Has appearance of a chrysanthemum. Mixed Colors—Price, pkt. 10c; ¼ oz. 65c.

BACHELOR'S BUTTON — See Centaurea Cyanus.

BALLOON VINE—Ten foot; a rapid-growing annual climber, with white flowers and inflated seed pods which look like small balloons. Succeeds best in warm soil. Price, pkt. 10c; oz. 40c.

BALSAM APPLE AND PEAR—Ornamental climbers, with pretty foliage and flowers, followed by handsome fruit, which, when ripe, bursts open, exposing the bright-red seeds within.

BALSAMINA, BALSAM APPLE—Price, pkt. 5c; ½ oz. 30c.

CHARANTIA, BALSAM PEAR — Price, pkt. 5c; ½ oz. 25c.

BALSAM, LADY SLIPPER—Balsams love rich soil, and plenty of water. Sow the seed in window boxes or hot-beds early, or in the open air in May, and transplant when 2 or 3 inches in height. Stimulate by weekly applications of liquid manure. Camelia-flowered.

DOUBLE BALSAM, MIXED—Price, pkt. 10c; ½ oz. 50c.

SCARLET RUNNER, BEAN — An exceedingly rapid grower. Its strong vines are always clothed with deep scarlet flowers from early summer until fall. Price, pkt. 5c; ¼ lb. 15c; ½ lb. 25c.

BRACHYCOME—Swan River Daisy; a very pretty small flower of light blue color. Price, pkt. 5c; ¼ oz. 40c.

BEGONIA—Few plants can be grown so readily from seed and afford such brilliancy of flower. Special Fine Mixed—Price, pkt. 25c.

BELLIS, ENGLISH DAISY—Perennials which will stand the winter if given the protection of a few leaves or litter; in bloom from early spring until well on in the summer. Easily raised from seed. Longfellow, Double Pink—Price, pkt. 10c. Snowball, Double White—Price, pkt. 10c. Double Mixed, All Colors—Price, pkt. 5c.

CALENDULA, POT MARIGOLD — Two foot. Calendulas bloom all summer and thrive anywhere, especially in city gardens. The graceful star-shaped flowers exhibit every shade of yellow from ivory to deep orange. Well adapted for cutting, being borne upon long stems. Mixed—All the double sorts. Price, pkt. 5c; ½ oz. 30c.

CALLIOPSIS—Showy, beautiful, free-blooming plants, producing large, bright flowers of rich and charming colors throughout the entire summer.



Asters

CALLIOPSIS—Best Mixed. Price, pkt. 5c; ¼ oz. 25c.

CANARY BIRD VINE—Grows to a height of 15 feet. Has beautiful foliage and yellow flowers. Price, pkt. 5c; ¼ oz. 30c; ½ oz. 50c.

Candytuft

A dwarf annual of easiest culture; free-blooming, showy, and useful for beds, borders and edgings. Sow seeds where plants are to bloom, in rows 6 or 8 inches apart, thinning out to afford plenty of room, as they branch quite freely. Height, 1 foot.

CRIMSON—Rich, dark crimson. Price, pkt. 5c.

WHITE ROCKET—Long white flower spikes. Price, pkt. 5c.

EMPRESS — White, large flower. Price, pkt. 5c.

LITTLE PRINCE—Pure White; grows 6 inches high. Price, pkt. 5c.

SEMPERVIRENS—White; survives winter out-of-doors. Its fine flowers are produced early in the spring. Price, pkt. 10c.

UMBELATA—Pretty shade soft lilac. Price, pkt. 5c. Annual Sorts—Price, pkt. 5c.

Cannas

INDIAN SHOT—These very attractive summer bedding plants can be grown readily from seed. The seed is extremely hard and should be soaked in warm water until swollen. Sow singly in small pots of sandy soil and set in a warm place, preferably a hot-bed or sunny window. Set out in June where they are to flower.

CROZY—Dwarf Mixed. Price, pkt. 5c.

Carnations

These very popular favorites are valuable for culture in the open ground in summer and for pot culture in winter. Seeds of the Margaret and Chabaud types sown in the spring, will, by August, produce plants that will be full of bloom until frost takes them; or they may be cut back, potted, and carried over winter in a cool room. The Grenadine and Double Mixed bloom the second season after sowing.

MARGARET—Mixed. Price, pkt. 5c. Margaret, Scarlet—Price, pkt. 5c. Margaret, Pink—Price, pkt. 5c. Margaret, White—Fine double flowers. Price, pkt. 10c.

GIANT MARGARET—Immense double flowers. Price, pkt. 10c.

Selected Flower Seed—Continued

Cornflower

CENTAUREA — Sometimes called "Bachelor's Button," and "Ragged Robin." One of the most popular of our garden annuals, blooming continually all summer. Double Blue—Price, pkt. 5c; $\frac{1}{4}$ oz. 40c. Double Mixed Colors—Price, pkt. 5c; $\frac{1}{4}$ oz. 25c.

CENTAUREA, THE DUSTY MILLER — The white-leaved, fine for borders, bedding and hanging baskets. Price, pkt. 5c; $\frac{1}{2}$ oz. 60c.

CENTAUREA, MOSCHATA, SWEET SULTAN Handsome fragrant, purple and white flowers. Price, pkt. 5c.

CHRYSANthemum — Perennial; all colors; double mixed. Price, pkt. 5c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 45c.

CLEMATIS, JAPAN'S VIRGIN BOWER—Climbing vines of rapid growth. Price, pkt. 10c.

COBAEA SCANDENS—One of the most rapid growing of the annual climbers. Climbs 20 feet in a season. The flowers are bell-shaped. Plant the seed edgewise and cover lightly. Price, pkt. 5c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 45c.

COCKSCOMB CELOSIA — Easily grown annuals, fine for summer flower beds, pot plants, and for drying for winter bouquets. Sow in light soil, not too rich. Celosia or Plumed Varieties, mixed colors. Price, pkt. 5c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 75c.

COMB VARIETIES—Tall Mixed Colors. Price, pkt. 5c; $\frac{1}{4}$ oz. 35c. Dwarf Mixed Colors—Price, pkt. 5c; $\frac{1}{2}$ oz. 60c.

Dianthus Or Garden Pinks

Annua's and perennials, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors, and profusion of bloom. The Chinese and Japanese varieties bloom the first season, same as hardy annuals; height, 1 foot. The hardy perennial varieties are very fragrant and of easy culture for the garden or greenhouse.

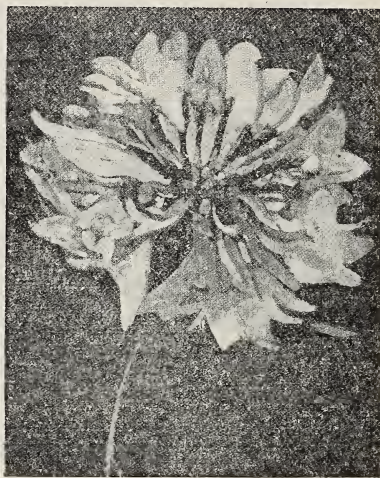
DOUBLE CHINA PINK—Finest colors mixed. Price, pkt. 5c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 45c.

DOUBLE JAPAN PINK — Flowers large, brightest colors mixed. Price, pkt. 5c; $\frac{1}{4}$ oz. 30c.

SINGLE ANNUAL MIXED—Price, pkt. 5c; $\frac{1}{4}$ oz. 20c.



DOUBLE DIANTHUS



Centaurea, Cyanus, Cornflower

Cosmos

A hardy annual having strong stems from 4 to 6 feet high with delicate, feathery foliage, and pretty flowers of shades of rose, red, pink, yellow, and also pure white. One of the most popular fall flowers; excellent for cutting. Cosmos is most effective when planted in broad masses or along background borders against fences or evergreens. Cosmos may be had in bloom from August until frost. Topping the plants when 1 foot high will induce early blooms.

LADY LENOX GIANT COSMOS—Flowers 5 to 6 inches in diameter. Color, a beautiful shell pink. Price, pkt. 10c; $\frac{1}{2}$ oz. 25c.

GIANT FLOWERED, SUPERB MIXED COSMOS—Price, pkt. 10c; $\frac{1}{2}$ oz. 40c.

WILD CUCUMBER VINE — Rapid climbers, growing 30 ft. a season. Fragrant, pretty white flowers, followed by ornamental, prickly seed-pods. Price, pkt. 5c; oz. 15c.

CYPRESS VINE—A splendid climber, with delicate dark green, feathery foliage and an abundance of bright star-shaped white and scarlet blossoms. Sow thickly after the middle of April. Height, 15 ft. White—Price, pkt. 5c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 45c. Scarlet—Price, pkt. 5c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c. Mixed Colors—Price, pkt. 5c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 30c.

Dahlia

Well-known fall blooming plants. They grow very readily from seed which, if sown early, will bloom the same year. Almost any soil suits them, a moist one being preferable.

CACTUS FLOWERED — Double. Price, pkt. 10c.

DOUBLE, LARGE FLOWERED — Price, pkt. 10c.

SINGLE MIXED—From fine varieties. Price, pkt. 5c.

STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

The best and most economical fertilizer for both indoor and outdoor use. It will keep your ferns and other plants healthy and keep them growing. If you wish to use in liquid form, four tablets will make one gallon. Price, small size, 15c; large size, 25c.

Selected Flower Seed—Continued

Digitalis

FOXGLOVE—Handsome, stately plants, with ornamental green leaves and peridulous flowers, white, pink, blue, purple, etc., beautifully spotted. H. P. Height, 2 feet. Mixed colors. Price, pkt. 5c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

DOLICHOS, HYACINTH BEAN—Rapid climbers, bearing large clusters of purple and white flowers followed by ornamental plants. Price, pkt. 5c; oz. 25c.

ESCHSCHOLTZIA, CALIFORNIA POPPY—All colors mixed. Price, pkt. 5c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

FEVERFEW—Double pure white flowers. Price, pkt. 5c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

FORGET-ME-NOT, MYOSOTIS — Alpestris, dark blue; in bloom all summer. Price, pkt. 5c; $\frac{1}{4}$ oz. 40c. Mixed Colors—Price, pkt. 5c.

GAILLARDIA, BLANKET FLOWER — Perennial Hybrid, Mixed Colors. Price, pkt. 5c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 75c.

GLOBE AMARANTH—Red clover-shaped flowers. Cut when in bloom and dried, they retain their colors. Mixed Colors—Price, pkt. 5c.

GODETIA, SATIN FLOWER—Mixed Colors. Price, pkt. 5c.

GOURDS, ORNAMENTAL—See Page 29.

GYPSOPHILA, BABY'S BREATH — Pure white, tiny flowers. Price, pkt. 5c.

HELIOTROPE — Fine mixed colors. Price, pkt. 5c.

HOLLYHOCK, DOUBLE — All colors mixed. Price, pkt. 5c.

KENILWORTH IVY — Tender perennial, of trailing habit, bearing small violet flowers. Fine for boxes, rockeries, and hanging baskets. Price, pkt. 5c.

KOCHIA, OR BURNING BUSH; SUMMER CYPRESS, OR MEXICAN FIREBUSH—Two to three feet. Makes a pyramidal-shaped cypress-like bush with feathery, light green foliage, deepening until it becomes a lovely crimson. Price, pkt. 10c; $\frac{1}{2}$ oz. 25c.

LARKSPUR—Very popular annual plants of the easiest culture. Beautiful, graceful flowers of many colors are borne on long spikes; fine for cutting; height, 1 ft. Price, pkt. 5c.

MARVEL OF PERU, FOUR O'CLOCK—Blossoms first season. Height, 2 ft. Flowers showy, open only in the afternoon. Price, pkt. 5c.

NIGELLA, LOVE IN A MIST, OR DEVIL IN A BUSH—Bright, showy flowers, requiring but little care. Height, 1 ft. Mixed colors. Price, pkt. 5c.

MOONFLOWER, EVENING GLORY IPOMOEAE—Hardy annual, one of the most rapid climbers; grows 50 to 75 feet. Vines robust and covered with large white flowers, opening in the evening, and remaining open until about noon of the next day. Price, pkt. 10c; oz. 60c.

LOBELIA — Easy to grow; one of the best plants for rockeries, pots and bedding; a mass of blooms for a long season. Price, pkt. 5c.

MIGNONETTE, SWEET—Very fragrant; bears large spikes of flowers. Price, pkt. 5c.

Japanese Morning Glories

These beautifully marked and most daintily tinted flowers are one of the grandest climbers. Grows 30 to 50 feet. Flowers measure 4 to 6 inches across; foliage very ornamental. Price, pkt. 10c.

FANCY FRINGED—A new imported variety from Japan. Flowers very large, ruffled from stem to margin like crumpled velvet. Price, pkt. 10c.

FINE MIXED—Mixture of all best varieties. Price, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c.

Select Nasturtiums

We are importers of the choicest strains of both the Dwarf or "Tom Thumb" and Tall or Running varieties of Nasturtiums.

NASTURTIUMS are one of the hardiest and most attractive summer blooming plants; will begin blooming early in the spring and continue until killed by frost. They will bloom best in thin, well-drained soil. No other annual will produce blooms in such profusion; they are unexcelled for their brilliancy and variety of colors.

Dwarf Nasturtiums

VARIEGATED LEAVES—Very beautiful, even when not in bloom; flowers of many colors show to great advantage among the variegated foliage.

QUEEN OF TOM THUMBS—Price, pkt. 10c; oz. 25c.

IVY LEAVED—Both the flowers and leaves are different from all other sorts. The leaves are a deep green, veined with silvery white. Flowers are star-shaped, rich in colors. Price, pkt. 10c; oz. 20c.

DWARF VARIETIES MIXED—Price, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50. (By mail, postpaid, lb. \$1.60.)

Tall Or Running Nasturtiums

VARIEGATED LEAVED—Similar to Dwarf varieties, except in habit of growth, being tall. Price, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c.

IVY LEAVED—Similar to Dwarf varieties, except in habit of growing, being tall. Price, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50. (By mail, postpaid, lb. \$1.60.)

TALL VARIETIES MIXED—Price, pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.50.



Select Tall Mixed Nasturtium

Selected Flower Seed—Continued

Giant Pansies

Pansy Seed should be sown in well pulverized soil, and covered not more than $\frac{1}{4}$ inch. Sowing in February or March should be made in boxes covered with glass. Transplant to a partially shady place in a rich, moist soil.

GIANT FLOWERED PANSY MIXTURE—This is a mixture of the finest strains of Giant Pansies, seeds coming from the world's famous pansy growers, whose flowers are of the richest colors and largest size. Each flower is a gem of velvet and gold, blotched and mottled of many tints. Price, pkt. 10c; 3 pkts. 25c; $\frac{1}{4}$ oz. \$3.00.

CHOICE MIXED PANSIES—A choice mixture of all colors, shades and markings. Price, pkt. 5c; 6 pkts. 25c; $\frac{1}{4}$ oz. \$1.00.

Petunia

The ease of culture, and duration of bloom, will make Petunias always very popular. The large flowers borne profusely.

BURPEE'S DEFIANCE FRINGED PETUNIAS This strain is without an equal for its beautifully fringed or ruffled flowers, at their edge often measuring 4 to 6 inches across. Price, pkt. 25c.

DOUBLE MIXED PETUNIAS—These beautiful marked Petunias produce a large percentage of double flowers of the largest and brightest colored fringed varieties. Price, pkt. 15c; 2 for 25c.

SINGLE MIXED PETUNIAS—A fine mixture of all colors. Price, pkt. 10c; $\frac{1}{4}$ oz. 60c.

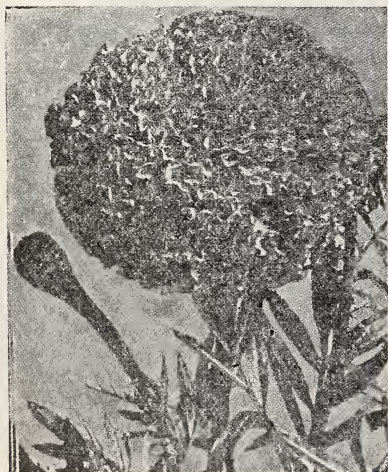
Poppies

These most beautiful hardy annuals and perennials are of easy and quick growth. Their gorgeous flowers are borne throughout the summer.

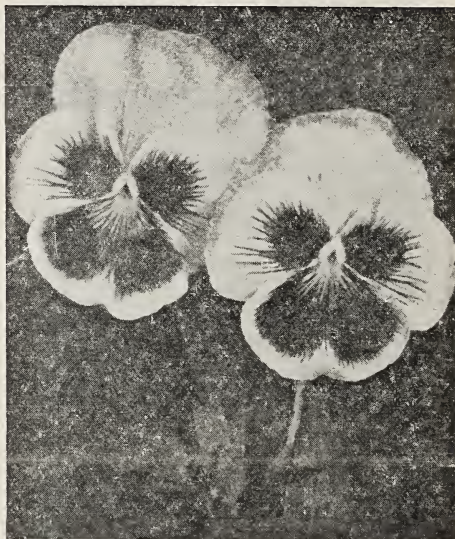
ORIENTAL—Perennial; bears huge flowers of the most delicate and dazzling colors, and they increase in size and beauty each season. Price, pkt. 10c; $\frac{1}{8}$ oz. 40c.

ICELAND—Perennial; blooms continuously from June to October. They resemble crushed satin. Price, pkt. 5c; $\frac{1}{8}$ oz. 25c.

SHIRLEY—Annuals; brilliant and free flowering. Price, pkt. 5c; $\frac{1}{8}$ oz. 15c.



Marigold



Giant Flowered Pansies

DOUBLE PEONY FLOWERED ANNUALS—Large flowers resembling Peonies; mixed colors. Price, pkt. 5c; oz. 35c.

SINGLE MIXED—Annuals; contains the best strains of single poppies, mixed colors. Price, pkt. 5c; $\frac{1}{4}$ oz. 40c.

MARIGOLD—Extremely effective annuals, easily grown and free flowering, bearing early many brilliant flowers, continuing until killed by frost. Double French Mixed—Price, pkt. 5c; oz. 75c. African Double Mixed—Price, pkt. 5c; oz. 75c.

Phlox

Few flowers can equal these beautiful annuals in their magnificent display of their many and brilliantly colored flowers.

PHLOX DRUMMONDI GRANDIFLORA—This superb strain is noted for larger flowers and rich colors. Price, pkt. 10c; $\frac{1}{8}$ oz. 25c.

STAR AND FRINGED—Very beautiful, and of the most varied colors. These star-shaped varieties are bordered with white. Price, pkt. 10c.

FINE MIXED—A mixture of all the choicest colors. Price, pkt. 5c; $\frac{1}{4}$ oz. 40c.

Portulaca

MISS FLOWER—Will succeed in any sunny location, producing great profusion of flowers of almost every color. Single Mixed Colors—Price, pkt. 5c; $\frac{1}{2}$ oz. 45c. Double Mixed Colors—Price, pkt. 10c; $\frac{1}{2}$ oz. 75c.

RICINUS, CASTOR BEAN—These are fine for backgrounds or center of beds; tall plants with palm-like leaves. All the best varieties of colored leaves. Price, pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c.

Salvia—Flowering Sage

A hedge or bed of Salvias is a blaze of color during the summer and fall. They are used to good effect for bordering Canna Beds, also for hedges along walks or lot dividing lines. Seed should be started either indoors or in a hot-bed; do not sow in open ground until soil has become well warmed.

SALVIA SPLENDENS—Two and one-half ft. The well-known variety; very fiery scarlet. Price, pkt. 10c; $\frac{1}{8}$ oz. 35c.

Selected Flower Seed—Continued

Sunflower

MINIATURE VARIETIES MIXED—Price, pkt. 5c; oz. 50c.

DOUBLE CALIFORNIA—Double yellow variety; 3 to 5 ft. high; the giant flowered. Price, pkt. 10c; oz. 50c.

DOUBLE CHRYSANTHEMUM FLOWERED—The grandest of all double Sunflowers. Price, pkt. 10c; oz. 50c.

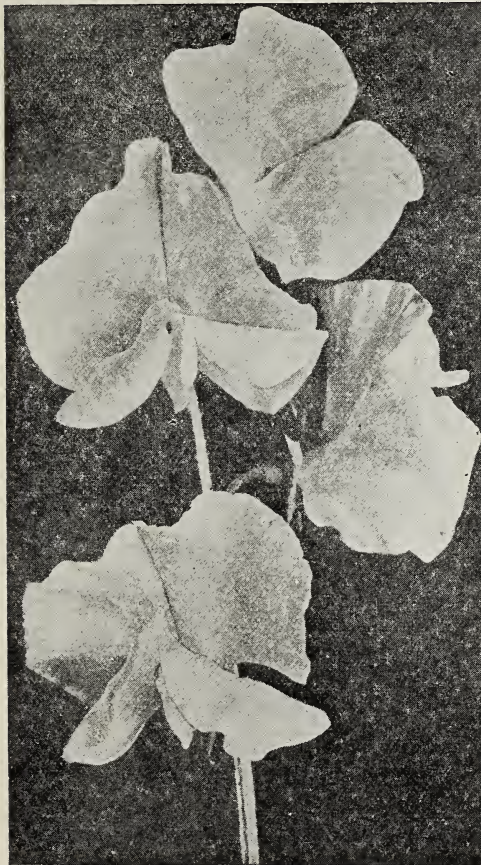
MAMMOTH RUSSIAN—The giant flowered Sunflower; 5 to 8 ft. high. Price, pkt. 5c; ¼ lb. 10c; lb. 35c.

NEW RED—Very attractive. Price, pkt. 10c; oz. 75c.

Stocks—Gilliflower

Very useful annuals for borders, bedding and cut flowers; blooms are very fragrant.

TEN WEEKS—Cut and Come Again; mixed colors. Price, pkt. 10c; ¼ oz. 25c.



Superb Spencer Sweet Peas

Sweet Peas

No flower has ever gained the popularity in so short a time as the Sweet Pea. Its development in the South has been much slower than other sections, but it is now very firmly established, and gaining rapidly from year to year. The great drawback to its advancement in the South has been through an improper knowledge of the

habits of the Sweet Pea. It is necessary for success with this flower to carefully observe tried methods of culture.

CULTURE FOR SWEET PEAS—October to April have been found the best months to plant Sweet Peas in this section. One oz. sows 25 ft. of row; 1 lb. will plant about 400 ft. in drills. Would suggest that you have your rows or drills if possible running north and south. Plant in double rows 8 inches apart, 2½ ft. between the double rows; poles then could be placed between the double rows and wires run or poultry netting placed; this would give support for 2 rows on trellis. If poultry netting is used, use 4 to 5 ft. 2 in. mesh. Dig rows 10 inches deep, put in 4 inches of well rotted manure or prepared pulverized sheep manure and top soil well mixed. Plant seed on this and cover with loose black loam 2 inches deep, leaving the rows open, and fill in as the peas crack through until you get to the surface of soil. During dry weather they should be watered thoroughly and frequently, and given an application of liquid manure once a week. When in bloom, flowers should be cut every day and put in water. This will prevent the plants from going to seed, which would stop them from continuing to bloom.

SUPERB SPENCER SWEET PEAS—A strain of Sweet Peas developed from the old Grandiflora type. It is sometimes known as the Orchid Flowering Sweet Pea, and produces larger and more fragrant flowers of greater brilliancy of color than the old type. The long graceful stems usually bear 4 to 5 blossoms of superior beauty.

SUPERB SPENCER MIXED SWEET PEAS—This is a superior mixture of all colors. Postpaid, pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

GRANDIFLORA SWEET PEAS MIXED—Postpaid, pkt. 5c; oz. 15c; ¼ lb. 50c; lb. \$1.25.

Sweet William

SINGLE—Many bright colors mixed. Price, pkt. 5c; ¼ oz. 30c; ½ oz. 50c.

DOUBLE—All colors mixed. Price, pkt. 5c; ¼ oz. 40c.

Thunbergia—Black Eyed Susan

Useful for window boxes, hanging baskets, vases, etc. Trumpet-shaped flowers in great profusion in summer.

THUNBERGIA—Mixed colors. Price, pkt. 5c; ¼ oz. 40c.

Verbena

Popular annuals for beds; also for covering mounds.

MIXED VERBENAS—All colors. Price, pkt. 5c; ¼ oz. 75c; oz. \$2.50.

Wall Flower

A favorite garden flower, producing large spikes of deliciously fragrant blooms of many colors. Double—Large and fragrant. Price, pkt. 10c; ¼ oz. \$2.00.

Zinnia

Easily grown, supplying abundantly gorgeous flowers of almost every shade of color during the summer and fall. Double Fine Mixed—Price, pkt. 5c; ½ oz. 75c. P o m p o n . Mixed—Price, pkt. 10c .



Zinnia

HIGH GRADE CLOVER SEED



Red Clover

Alsike Clover

A valuable perennial clover, growth of fine texture, more spreading and recumbent than red clover, matures later, has pinkish blossoms, and does not make such large roots, nor do they penetrate so deep into the soil. Notwithstanding, it seems to be harder than red clover, standing as much heat and decidedly more cold. Alsike Clover should be sown in the South from August to March, the sooner the better. It seems to be well adapted to creek and river bottoms. From 8 to 10 lbs. should give a good stand. Alsike does exceptionally well in this section, and more should be sown. Postpaid, lb. 35c; 10 lbs. \$3.00; 30 lbs. \$8.00. Not Prepaid, lb. 30c; 10 lbs. \$2.75; bu. \$15.00.

Sweet Clover Or Melilotus

For Forage And Soil Improvement

SWEET CLOVER — One of the great uses Sweet Clover has been put to is to inoculate the soil where alfalfa is intended to be grown, as it contains the same class of bacteria that infest the roots of alfalfa, for it will grow where alfalfa will not the first year. It enriches poor, thin land; prevents land from washing, stands heat and drought remarkably well; is very fattening for all live stock; valuable for bee pasture. It is sown at the rate of 10 or 15 lbs. to an acre.

One grower advises that he has used Sweet Clover with wonderful success to prevent washing of mountain lands. He states that he planted a large quantity in old ditches and the result was remarkable. We cannot recommend Sweet Clover too highly as a crop to improve worn-out fields, to inoculate soil for Alfalfa, and as a pasture for hogs and cattle. Postpaid, lb. 25c; 10 lbs. \$2.15. Not Prepaid, lb. 20c; 10 lbs. \$1.85; 100 lbs. \$15.00. Inoculate this seed with Farmogerm.

"CHEROKEE BRAND" Clover Seed represents the finest qualities that can be had, expertly re-cleaned and tested for high purity and strong germination; this brand will always measure up to a superior standard of quality. The so-called "competitive grades" of clovers containing buckhorn, wild carrot, plantain, etc., are lower in price. We do not handle these types. Prices on Clovers fluctuate and those quoted are only approximate. When you are ready to buy, write for firm quotations. Inoculate all Clovers with Farmogerm.

Red Clover

This valuable crop is not only one of the most excellent Hay and Forage Crops, but it is a great soil improver. Red Clover can be cut 2 or 3 years from one seeding, and on good land will yield two cuttings per year. Red Clover has been found particularly adapted to the northern part of the Cotton Belt; when sown alone in this section, 10 to 12 lbs. to an acre. Excellent results are received by sowing for hay, a mixture of 1 bu. of Orchard Grass, 1 bu. Tall Meadow Oat Grass with 8 lbs. of Red Clover to an acre. If to be used also for pasture, an addition of 6 lbs. Red Top or Herd's Grass to the above mixture will increase the pasturage. Postpaid, lb. 35c; 10 lbs. \$3.00; 30 lbs. \$8.50. Not Prepaid, lb. 30c; 10 lbs. \$2.75; bu. about \$16.00.

Mammoth Or Sapling Clover

This is similar to Red Clover, both in appearance of the seed and its habits of growth, the difference being that it usually grows larger and is later in maturing. It is considered superior as an improver on account of the extra growth. It is a good variety for thin soils, or to seed with Timothy, Meadow Fescue, Herd's Grass, or Red Top, as it matures about the same time as these grasses. Sow 10 to 12 lbs. per acre by itself or with Timothy. Six lbs. of Clover and 8 lbs. of Timothy will give a liberal seeding. Postpaid, lb. 40c; 10 lbs. \$3.25; 30 lbs. \$9.00. Not Prepaid, lb. 35c; 10 lbs. \$3.00; bu. about \$17.00.

White Dutch Clover

Does well in nearly all parts of the South. In this section it is indigenous to all kinds of soils. Is especially valuable and largely used in Lawn and Pasture Mixtures. It makes a small, close, compact growth. If sown alone, sow 6 to 8 lbs. an acre; more largely sown with other grasses; in this case, use half the amount. Postpaid, lb. 75c; 10 lbs. \$7.00. Not Prepaid, lb. 65c; bu. \$36.00.

Crimson Clover

Best only for late summer and fall sowing. This variety should be more largely used by every Southern farmer. Produces an excellent hay and fine winter pasturage. Crimson Clover is one of the finest of all soil-improving crops. Sow at the rate of 15 lbs. to an acre broadcast from July to October.

Bur Clover

Can only be sown in the summer and fall. For the South it is a most valuable winter grazing crop, growing luxuriantly all through the winter and until the summer comes fully on. It is admirably adapted for use with Bermuda Grass; the combination of the two makes a splendid all-the-year-round pasturage. Postpaid, lb. 30c; 10 lbs. \$2.50. Not Prepaid, lb. 25c; 100 lbs. \$20.00.

Japan Clover Or Lespedeza

It is known as "poor land alfalfa." A few pounds added to other clover mixtures bring remarkable returns, since this variety of clover is extremely hardy and capable of withstanding the severest colds or droughts. Both the hay and grazing of first nutrition. Postpaid, lb. 30c; 10 lbs. \$2.75. Not Prepaid, lb. 25c; bu. (25 lbs.) \$6.00.

ALFALFA OR LUCERNE

PROFITABLE AND NUTRITIOUS HAY CROP

Alfalfa is a good investment on certain kinds of land in Western North Carolina. Once established, it lasts for years and yields 3 to 5 cuttings of nutritious and palatable hay each season. To insure permanency, it must be cut every time it comes into bloom. It does not exhaust the soil, but enriches it.

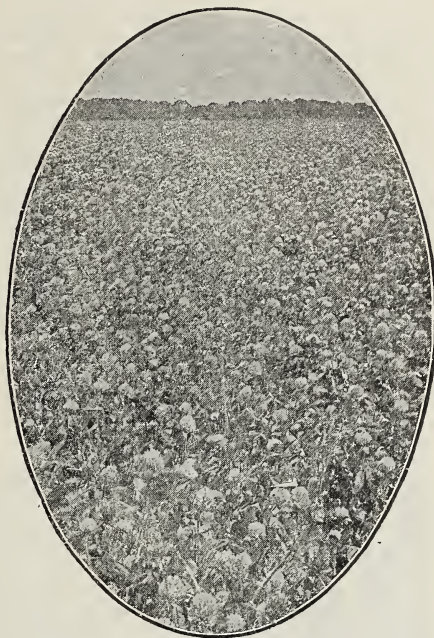
Sow Alfalfa only on deep, well-drained, good land that is not underlaid by a stiff, hard pan that the roots cannot penetrate. If possible, sow on land from which a cultivated crop has just been taken; such land will be reasonably free from weeds. The land should contain an abundant supply of decomposed vegetable matter; a green crop turned under and lime liberally applied will give this condition.

Alfalfa will not grow on acid soils. The bacteria that live on the roots, drawing nitrogen from the air and making it available as plant food, cannot live in acid soil. Test your soil by taking a handful of soil from 2 or 3 inches below the surface, wet it with rain water, if not already moist, insert a piece of blue litmus paper (get it at any drug store.) If, 15 minutes later, the litmus paper has changed to pink, your soil is acid. To correct acidity, spread 2 to 3 tons of Pulverized Limestone to the acre, after plowing and a few weeks before sowing; in the meantime, keep the harrows busy to kill out the weeds.

Alfalfa will not live in swampy or wet ground, so be sure the land is well drained. Good crops can be grown on lowlands if properly drained, either with tile or open ditches, to a depth of at least 4 feet.

Do not attempt to grow Alfalfa without inoculating, except on fields where it has previously been grown. Sow 300 to 500 lbs. of soil from an Alfalfa Field on each acre; or use Farmogerm, described on this page.

Young alfalfa plants are tender, and are likely to be killed by weeds. If you sow on land on which a cultivated or smothering crop has just been grown, it will be reasonably free of weeds; but if you must sow on weedy land, plow some time before sowing, and harrow at frequent intervals, 10 days or 2 weeks. Frequent harrowing will not only kill off the weeds, but the seed bed will be the better for it.



Red Clover—Inoculation Grew It

Sow 20 to 30 lbs. to the acre. In the spring sow about the same time as oats are sown in this section. It may also be sown from August to October 1st. Cover one inch deep in light, loamy soils, three-fourths to one inch in heavier soils.

We offer a type of alfalfa seed that has done well in Western North Carolina. We do not advise alfalfa unless soil and drainage conditions are right and the planter is willing to start the crop correctly as outlined above. Postpaid, lb. 35c; 10 lbs. \$3.00; 30 lbs. \$7.50. Not Prepaid, lb. 25c; 10 lbs. \$2.35; bu. \$13.50.

Farmogerm Seed Inoculation Makes Big Crops And Better Soil—A Pure Culture For Every Crop

Every time you plant any kind of field or garden beans, peas, clover, vetch, or alfalfa, inoculate the seed with this culture of nitrogen. Having the proper bacteria on your seed often means an increase of 50% to 100% in the crop, an even stand, and great numbers of nodules on roots which deposit in your soil nitrogen fertilizer (nitrates) worth \$20.00 to \$30.00 an acre as fertilizer for grain, cotton, tobacco, fruit or other crops grown on land afterwards. No one can afford not to inoculate.

When you order, please specify kind of seed you wish to treat, because we have a pure strain of bacteria for each of the following: Alfalfa, Crimson, Sweet, White, Alsike, Lespedeza, Japan, Burr, and other clovers; Soy, Velvet, Lima, and all beans; Cow Peas, Sweet Peas, Vetch, etc. Pour on seed, plant in usual way. Prices, postpaid, 12 acre size, \$9.00; 3 acre size, \$2.50; 1 acre size, \$1.00. Special garden (¼ acre) size that will inoculate 15 lbs. Peas, Beans or Sweet Peas, 50c.

HIGH QUALITY GRASS SEED

Timothy

The most important timothy ranks unsurpassed as the hay producer of America. All livestock, especially horses, relish and thrive on it. Timothy prefers good stiff loamy soils containing an abundance of moisture, and is peculiarly adapted for the heavy clay soils of mountainous districts. It is a rapid grower, producing the best crop the first year. However, by manuring or top-dressing with our special grass fertilizer the succeeding years may bring equally as good yields of this wonderful hay crop. Since it matures with Sapling Clover, Red Top, and Meadow Fescue, any or all of these are valuable additions both in production of larger yields of hay or grazing. If sown with Sapling Clover, the clover will help to supply nitrogen. Ten lbs. Timothy, 8 lbs. Sapling Clover, to the acre. Alone, use one peck to the acre. Postpaid, lb. 15c; pk. \$1.40. Not Prepaid, pk. \$1.25; bu. \$4.50.

Orchard Grass



Orchard Grass

Orchard Grass is probably the best known and most universally used of all varieties of grass. It is very hardy and succeeds anywhere in the United States, yielding enormous crops of most nutritious hay for grazing. All livestock are very fond of it, green or dry, and it endures constant cropping better than any other grass. It has been found that Orchard Grass is peculiarly adapted for growing in the shade, and that while it succeeds well on soils of sandy texture, the ideal soils are clay uplands or stiff soils. For finest quality hay it should be cut just

before blossoming when the stem is less hard and the pith of the stem is still soft and sweet. After being mown, Orchard Grass grows up quickly and yields a heavier aftermath than any other variety of grass. Since this variety grows in tufts, to obtain best results Red Clover or Tall Meadow Oat Grass, both of which mature at the same time, should be sown with Orchard Grass. The usual rate of seeding of such a mixture is 6 lbs. Red Clover, 14 lbs. Orchard Grass, and 11 lbs. Tall Meadow Oat Grass per acre, or 8 lbs. Red Clover and 13 lbs. of Orchard Grass per acre. Orchard Grass sown alone requires $1\frac{1}{2}$ to 2 bushels per acre. For pastures, Red Top, Kentucky Blue Grass, Canada Blue Grass, Rye Grasses, and Clovers, are very desirable additions to Orchard Grass. Postpaid, lb. 30c; bu. \$3.50. Not Prepaid, lb. 25c; bu. \$3.00.



Timothy

Tall Meadow Oat Grass

Tall Meadow Oat Grass is most highly esteemed for pastures on account of its early and luxuriant growth of an abundant supply of foliage, which is greatly relished by cattle both during early spring and autumn. It is the first green grass of spring, and seems to yield steady grazing until late fall, even during extreme drought or cold. For hay, two cuttings may be made each season, and for green feed four or five cuttings may be had under favorable conditions. It matures with Orchard Grass and Red Clover, and mixed with these produces large yields of finest quality hay. All pasture mixtures should be composed of a percentage of this excellent year-round grazing crop. Sow 25 or 30 lbs. to the acre in spring or fall. Postpaid, lb. 45c; bu. \$4.50. Not Prepaid, bu. \$4.00; 100 lbs. \$30.00.

Bermuda Grass

This is a most valuable grass for pasture, hay, lawns, etc., in the lowlands of the South, where other grasses do not grow well due to the extreme heat. It stands hot weather remarkably well. We do not advise sowing it in the mountain section of Western North Carolina, except for hillsides and railway embankments, to keep them from washing. The seed should be sown broadcast 6 to 8 lbs. to acre from end of March to July. Do not sow too early, as the seed will not germinate in cool weather. Cover seed lightly, not more than half an inch. As this grass is very hard to eradicate it should not be used for temporary pasture. Postpaid, lb. 50c; 10 lbs. \$4.50. Not Prepaid, lb. 40c; 10 lbs. \$3.75.

High Grade Grass Seed—Continued

Red Top Or Herd's Grass

A very hardy, native perennial grass well adapted for such a variety of situations that while succeeding best on moist lands, Red Top also flourishes in almost any soil and under all conditions, even withstanding hottest climates. Because it is perhaps our most permanent pasture grass every good hay and pasture mixture sown should contain a liberal quantity of this most excellent grass. It remains green for the greater part of the year, and its long trailing stems form a very close-matting turf that is not affected by trampling. Sow 8 or 10 lbs. to the acre. Postpaid, lb. 35c; 10 lbs. \$3.25. Not Prepaid, lb. 25c; 10 lbs. \$2.30; 100 lbs. \$20.00.

Kentucky Blue Grass

This true perennial combines more true points of excellence than any other grass. It is the most widely distributed of all native grasses. The densely creeping root stock, spreading habit and smooth even growth of fine texture and richest green color render Kentucky Blue Grass highly suitable for producing the rich velvety green turf so envied in all good lawns. It forms an early close turf in almost any soil, dry, rocky, sandy or gravelly, and withstands dry weather admirably. It takes several years to establish a heavy sod, and should, therefore, be sown with other grasses. Soils of Western North Carolina should be heavily limed before sowing lawns of Blue Grass. It is also most valuable for pastures because of its productiveness and the wonderful nourishing qualities of the green food. Sow 40 lbs. per acre for lawns and at the rate of 28 lbs. in mixtures for pastures. Postpaid, lb. 50c; 10 lbs. \$4.50. Not Prepaid, bu. (14 lbs.) \$5.50; 50 lbs. \$17.50; 100 lbs. \$32.50.

Canada Blue Grass

A very hardy perennial grass, with creeping root stocks. It grows on the poorest and driest soils, sandy, gravelly or clayey, standing extreme wetness or drought, and keeping green until severe frosts of winter. It is especially valuable for dairy pastures, cows feeding on it yielding the richest milk and the finest quality butter. It is distinguished from Kentucky Blue Grass by its flattened, wiry stems and decidedly blue color. Sow 28 lbs. per acre alone. Postpaid, lb. 40c; 10 lbs. \$3.50. Not Prepaid, bu. \$4.25; 50 lbs. \$15.00; 100 lbs. \$27.50.

Meadow Fescue Or Randall Grass

One of the grasses most used in permanent or temporary meadows for mowing or pasture. It succeeds best in cold moist light soils, in well-drained meadows and low valleys rich in organic matter. It reaches full development the second or third year, and then far exceeds most grasses in productiveness of a very superior feed, dry or green. After being mown, it grows up quickly. It is highly relished by cattle and most nourishing. Sow 40 lbs. per acre. Postpaid, lb. 30c; 10 lbs. \$2.75. Not Prepaid, 10 lbs. \$2.50; 50 lbs. \$11.50; 100 lbs. \$22.00.

Red Or Creeping Fescue

A creeping-rooted species forming a close and lasting turf, especially adapted for dry and sandy soils. Thrives on poor soils, gravelly banks and exposed hillsides. Valuable for shady places in lawns and golf courses. Sow 30 lbs. to acre. Postpaid, lb. \$1.00; 10 lbs. \$9.50. Not Prepaid, lb. 90c; 10 lbs. \$8.50.

Perennial Or English Rye Grass

An early maturing, quick growing grass, making fine grazing and hay. Excellent mixed with other grasses, furnishing valuable permanent pasture and hay. It is also being largely sown in lawns. When sown alone, sow 30 lbs. to an acre. Postpaid, lb. 30c; 10 lbs. \$2.50. Not Prepaid, lb. 25c; 10 lbs. \$2.10; 100 lbs. \$18.00.



Red Top or Herd's Grass

Italian Rye Grass

This grass resembles English Rye Grass considerably. It is a very valuable, vigorous growing grass, suitable for furnishing in a very short time a splendid green pasture. Also fine on lawns. It forms a good turf, and stands the dry weather remarkably well. This grass can be sown with success either in the fall of the year or very early spring. On rich land it will grow from 2 to 3 ft. high. From 30 to 40 lbs. of seed should be used in seeding an acre. Postpaid, lb. 30c; 10 lbs. \$2.50. Not Prepaid, lb. 25c; 10 lbs. \$2.10; 100 lbs. \$18.00.

Pacey's Perennial Rye Grass

Sow 25 lbs. per acre. This most valuable hay and pasture grass adapts itself to a great diversity of soils and should be largely used in permanent meadows of Western North Carolina. The seed is large and heavy, and produces a strong, verdant growth in four weeks after sowing. It matures into hay of the sweetest flavor, much relished by cattle and horses. It is largely used on lawns and golf courses. Postpaid, lb. 30c; 10 lbs. \$2.75. Not Prepaid, lb. 25c; 10 lbs. \$2.25; 100 lbs. \$20.00.

Crested Dogstail

A true perennial, forming a smooth compact and lasting turf. It thrives best on rich, moist land, but is well adapted for almost any soil. The roots penetrate deeply into the ground, which enables it to withstand severe drought. It is extremely valuable both for lawns and pastures as a bottom grass, and thrives well in the shade. It is sown at the rate of 30 lbs. per acre alone, but recommended only for use in mixtures. Postpaid, lb. 75c; 10 lbs. \$7.00. Not Prepaid, lb. 70c; 10 lbs. \$6.75; 50 lbs. \$32.00.

Sheep's Fescue

Sheep's Fescue prefers dry uplands and thrives in poor shallow soils when other grasses fail. It is very hardy, resisting cold or extreme heat. Although of dwarf habit, it grows thickly, yielding large quantities of nutritious feed. It is largely used on lawns and golf courses on account of its fine foliage and dense dwarf growth. Sow 30 lbs. per acre. Postpaid, lb. 65c; 10 lbs. \$6.25. Not Prepaid, 10 lbs. \$6.00; 50 lbs. \$27.50.



Permanent Pasture And Hay Mixtures

It has been proven conclusively that many kinds of grass and clover seeds mixed together in proper proportion will produce on any soil a much larger yield and a more nutritious crop. It will give more cuttings and a longer period of grazing. Where a single grass is sown there will be vacant places that will fill up with weeds, while in a mixture there is seed adapted to all soils and as a result the whole surface will be covered with good grasses. Each and every variety of grass has its peculiar characteristics, some will withstand extreme drought, some are early and some are late and as a result a well-balanced mixture will give a green pasture under all conditions.

Our "CHEROKEE PASTURE MIXTURE" for upland and lowland is a mixture best adapted to the soils of Western North Carolina, and many of our customers that bought at first in small quantities are now sending us large repeat orders. The mixtures are giving the greatest satisfaction. When ordering, please state whether for upland or lowland. Sow 30 to 35 lbs. to the acre.

We have other formulas suitable for the soil and climatic conditions of all other parts of the South. If you will send us a sample of your soil, a little taken from several places and mixed together, we will be glad to test it for you and to recommend just what your soil needs, and what seeds are best adapted.

Cherokee Pasture And Hay Mixtures

UPLAND

Postpaid, lb. 35c; 10 lbs. \$3.25; 25 lbs. \$7.50.
Express, 10 lbs. \$3.00; 50 lbs. \$13.00; 100 lbs. \$25.00.

LOWLAND

Postpaid, lb. 35c; 10 lbs. \$3.25; 25 lbs. \$7.50.
Express, 10 lbs. \$3.00; 50 lbs. \$13.00; 100 lbs. \$25.00.

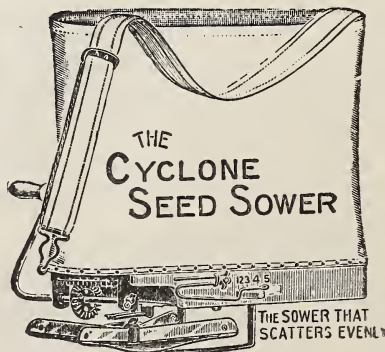
SPECIAL MIXTURES

Postpaid, lb. 35c; 10 lbs. \$3.25; 25 lbs. \$7.50.
Express, 10 lbs. \$3.00; 50 lbs. \$14.00; 100 lbs. \$27.00.

TIMOTHY AND CLOVER MIXTURES

Postpaid, lb. 25c; 10 lbs. \$2.25. Express, 10 lbs. \$2.00; 100 lbs. \$18.00.

Cyclone Seed Sower



This sower is guaranteed to distribute seed perfectly and evenly, will not throw seed in an upward direction or against the operator, but direct and evenly to the land; sows clover, timothy, red top or herd's grass, oats, millets, sorghum cane, rye, wheat, buckwheat, turnip and other seeds that are sown broadcast. Time and money can be saved by the use of this sower. Price, \$2.25 each. Postpaid, \$2.50.

SEED OATS

Spring Oats should be sown in March and April and at the rate of 2 to 3 bushels to the acre, since they do not have time to stool as oats sown in the fall do. We sell only tested seed and the pick of the crop; they insure a better stand and better yield.

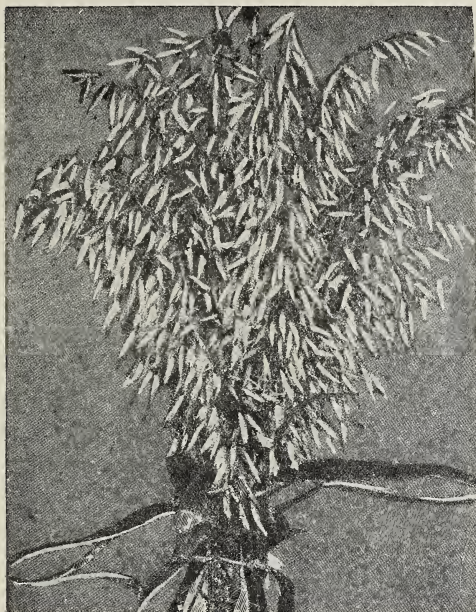
BURT OR NINETY-DAY OATS—This is unquestionably the quickest growing, most prolific, and surest cropping of all spring oats. It is a sure header, early maturing (about two weeks earlier than other varieties) and is rustproof. The healthy, clean and vigorous growth produces an abundant yield of bright, heavy grain. Burt Oats are especially adapted for poor soils. Price fluctuates. Write for firm price.

RED RUSTPROOF — Red Rustproof produces a large yield of heavy, fine appearing grain. They also grow well in poor soil. Price fluctuates. Write for firm price.

WHITE SPRING OATS—A very popular variety in Western North Carolina. It is an excellent yielder of bright, clean grain; is extremely hardy and grows taller than other varieties. Write for price.

Virginia Gray Or Winter Turf Oats

The wide popularity of Winter Turf Oats is probably due to their hardness, since there is no other variety that can withstand such extreme cold. Experiments in practically all climates prove that these Oats seldom winter kill. It has remarkable stooling tendencies and is a heavy yielder of bright grain which very often weighs 35 to 40 lbs. per bushel. We cannot recommend this variety too strongly, especially to farmers of Western North Carolina. Sow in September and October. Write for prices after August 1st.



EXTRA EARLY BURT, OR Ninety-Day

Wood Meadow Grass

This grass is especially fitted for shaded positions in lawns and wood and parks, where other grasses will not grow. Very permanent and hardy, resisting extremes of heat and cold. One of the first grasses to show a rich growth in the spring. Creeping roots are formed under ground, and make a good turf. Excellent for pasture. Sow 30 lbs. to acre. Postpaid, lb. \$1.50; 10 lbs. \$13.00. Not Prepaid, lb. \$1.40; 10 lbs. \$12.50.

Sudan Grass

This recently introduced grass belongs to the sorghum family, and, according to the reports of the U. S. Department of Agriculture, is a very valuable grass for hay, especially in sections subject to drought, making good yields nearly everywhere; it grows 4 to 9 ft. high, according to cultivation, yielding 2 to 5 tons of excellent hay per acre, with as high as 9 tons under irrigation; should not be sown until the soil has become warm, about corn-planting time or a little earlier.

The seed should not be sown in this section until the weather becomes warm, about the first of May. Can be sown in drills or broadcast. When in drills about 2 ft. apart, it requires about 10 lbs. of seed to an acre. If broadcast or drilled thickly, 25 to 30 lbs. to an acre is required. Postpaid, lb. 30c; 10 lbs. \$2.50; 25 lbs. \$5.50. Express, lb. 25c; 10 lbs. \$2.00; 100 lbs. \$15.00.

Golden Or German Millet

TENNESSEE GOLDEN MILLET—Makes a large crop of most nutritious hay; rapid grower, and easily cured. Sow about 1½ bushels per acre from April to August, cut the hay before the heads form. Our Tennessee grown Millet not only produces a large crop but a better quality of hay than the Western seed. Postpaid, lb. 20c; 10 lbs. \$1.00. Express, 10 lbs. 85c; bu. \$3.50.



Golden or German Millet

IMPROVED OR SELECTED SEED CORN

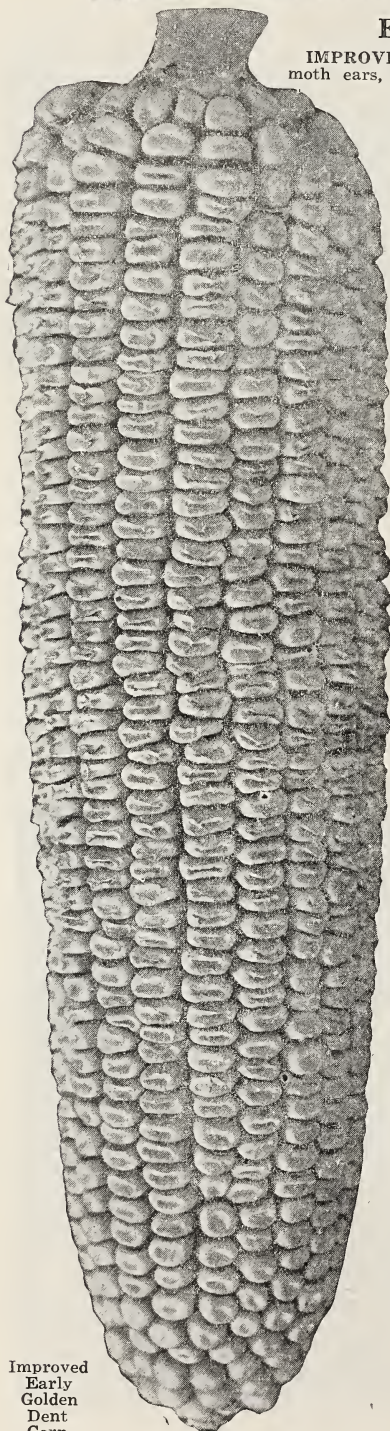
EARLY MATURING VARIETIES

IMPROVED EARLY GOLDEN DENT CORN—This produces mammoth ears, maturing in 90 to 110 days. It makes a beautiful ear, well filled, with deep golden yellow kernels, medium wide and firmly set on a small cob. No matter whether shelled or on the cob, no yellow corn is more attractive. The stalks are robust and grow from 8 to 10 ft. high. The shuck is close and completely protects the tip from wet weather. In fact no matter how wet the weather it does not seem to hurt it. Produces one to two ears to the stalk. Postpaid, lb. 15c; pk. \$1.10; bu. \$3.65. Not Prepaid, lb. 10c; pk. 90c; bu. \$3.00.

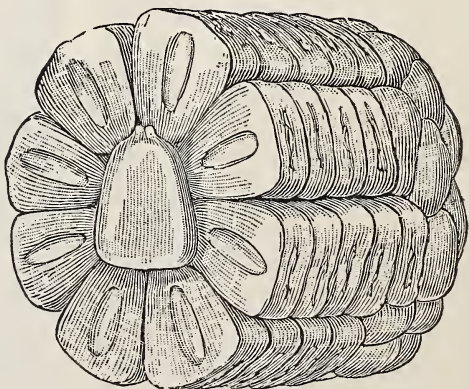
EARLY WHITE SNOWFLAKE—This variety is undoubtedly the earliest large corn in cultivation. The grain is deep white; cob small, white, sometimes running as much as 90 per cent grain. The average length of the ear 8 to 11 inches, and the stalk is low, averaging about 7 to 8 ft. The ear is usually borne close to the ground. This variety admits of close cultivation, and, in our judgment, is one of the most profitable corns that can be grown for main crop. It has been known to make a roasting ear in 60 days after germinating. It will always be hard enough to grind in 90 to 120 days. It is largely used throughout the South for planting as late as July. Postpaid, lb. 15c; pk. \$1.10; bu. \$3.65. Not Prepaid, lb. 10c; pk. 90c; bu. \$3.00.

CHAMPION EARLY WHITE DENT CORN—Matures in 90 to 100 days. This variety is always ready for feeding, husking and marketing earlier than any other of the standard varieties of white corn by fully two weeks. Stalk of medium height ranging from 7 to 10 ft. high (dependent upon the land, hill or bottom ground.) The type of this corn is very even and uniform; large ears run from 9 to 12 inches long; 16 to 22 rows of pure white kernels; ears well filled out at butt and tip ends. Postpaid, lb. 15c; pk. \$1.10; bu. \$3.65. Not Prepaid, lb. 10c; pk. 90c; bu. \$3.00.

BOONE COUNTY WHITE CORN—It is a splendid yielder. In many places it is a great favorite. Highly recommended for an early maturing, heavy yielding corn for uplands or good light loam soils. The ears are from 9 to 12 inches long, $7\frac{1}{2}$ to $8\frac{1}{2}$ ins. in circumference, containing 18 to 24 rows. The cob is medium size, and pure white in color. The ears are quite uniform in size, shape and appearance. Kernels are pearl white, quite deep. This variety grows a large stalk from 10 to 12 ft. high, with an abundance of foliage, and, like other white varieties, is the best for old, thin, poor soils. They gather more plant food from the air and less from the soil than does the yellow corn. Postpaid, lb. 15c; pk. \$1.10; bu. \$3.65. Not Prepaid, lb. 10c; pk. 90c; bu. \$3.00.



Improved
Early
Golden
Dent
Corn



Hickory King Corn

Improved Selected Seed Corn—Continued

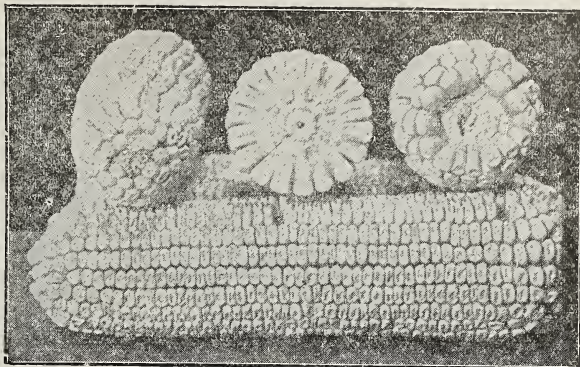
Later Or Main Crop Corns

HORSE TOOTH ENSILAGE—Horse Tooth indicates the shape and depth of the grain. This is a splendid yielding field corn. Very popular among dairymen. Postpaid, lb. 15c; pk. \$1.10; bu. \$3.65. Not Prepaid, lb. 10c; pk. 90c; bu. \$3.00.

HICKORY KING CORN—A medium early, prolific variety, with very broad and firm flat grain. The ears average about 8 inches long. The cob is exceedingly small, not much larger than a man's finger, and has 10 or 12 rows; will make fine roasting ears. For the production of meal it is not excelled by any sort. It is especially recommended for high land. It can be depended upon to produce a crop on poor, thin land; on good land it bears two ears to the stalk. Our seed is grown in Buncombe County; selected in the field, hand shelled, nubbed at both ends. Postpaid, lb. 15c; pk. \$1.10; bu. \$3.65. Not Prepaid, lb. 10c; pk. 90c; bu. \$3.00.

TENNESSEE RED COB WHITE CORN—An extra large field corn; grain long, broad and evenly lined on large red cob. The ears of this sort will run from 9 to 12 inches long, and have from 18 to 22 rows. It is rather a late maturing sort, but for bottom land or a main crop, this corn cannot be excelled. Our seed of this variety is grown in Tennessee, in the Tennessee River Valley, and is undoubtedly the highest developed type of this class of corn that can be obtained. Postpaid, lb. 15c; pk. \$1.10; bu. \$3.65. Not Prepaid, lb. 10c; pk. 90c; bu. \$3.00.

KENT'S PROLIFIC—Has been grown on the Kent Farms, Buncombe County, for 20 years. It can be relied upon to produce from 2 to 5 ears to the stalk. Grain white and flinty nature, making fine hominy and excellent meal. It is selected in the field, hand shelled, nubbed both ends, and without doubt one of the best seed corns on the market. The supply is limited. Postpaid, lb. 15c; pk. \$1.25; bu. \$4.50. Not Prepaid, lb. 10c; pk. \$1.00; bu. \$3.75.



Boone County White Corn

Pop Corn

A PROFITABLE CROP—Boys and girls can easily grow an acre or so and dispose of the product to the groceryman.

WHITE RICE—A very handsome and very prolific variety. Ears short; kernels long, pointed, and resemble rice; color, white. No variety of Pop Corn is superior to this for popping. Postpaid, pkt. 10c; ½ lb. 15c; lb. 25c; 15 lbs. \$2.25; 50 lbs. \$5.75. Not Prepaid, pkt. 10c; ½ lb. 10c; lb. 15c; 15 lbs. \$2.00; 50 lbs. \$5.00.

QUEEN'S GOLDEN—This is a large-eared and handsome Pop Corn. The grains are large, pop perfectly white, and are exceedingly tender. The stalks grow about 6 ft. high, and yield 3 or 4 ears each. Postpaid, pkt. 10c; ½ lb. 15c; lb. 25c; 15 lbs. \$2.25; 50 lbs. \$5.75. Not Prepaid, pkt. 10c; ½ lb. 10c; lb. 15c; 15 lbs. \$2.00; 50 lbs. \$5.00.

LITTLE BUSTER—A White Rice Pop Corn, especially screened for popping machines. Not a seed corn. Not Prepaid, 100 lb. bag \$9.50. Price fluctuates. Write.

VETCHES

HAIRY, SAND OR WINTER VETCH — Is proving a very valuable feeding and grazing crop for this section and its use is growing rapidly. All kinds of stock relish it and thrive on it. It is claimed that a ton of Vetch Hay contains 50 lbs. of nitrogen and the roots and stubble 12½ lbs. more. Yields several tons of hay to the acre on good land. Sow Vetch in the spring at oat sowing time. Sow 25 to 30 lbs. of Vetch with one bushel of oats. Cover 1 inch to 1½ inches deep. In the fall when Hairy Vetch is most generally sown use 25 to 30 lbs. of Vetch with one bushel Rye. September and October are the best months but ordinarily November is not too late. Vetch does well on any well-drained land, is never known to winter kill, and is wonderfully drought resisting.

When Vetch is sown in a field for the first time the seed should be inoculated. This can be done in two ways, either by using Farmogerm or by mixing a half gallon of seed from a field where Vetch has been grown successfully

with a bushel of seed. Moisten the soil slightly so as to cause it to cling to the seed. Be sure to inoculate the seed in one way or the other. We cannot too strongly recommend Vetch, especially for fall sowing. It not only protects the land from winter leaching, but furnishes a fine pasture in the early spring and if not grazed too closely can be cut for hay, and when turned under it improves the land immensely.

OREGON SPRING VETCH — This crop has been grown extensively on the Pacific Coast and has only recently been planted in this section. It is an excellent soil improver as well as a nutritious hay and grazing crop, but its use in Western North Carolina will never reach the proportions that Hairy or Winter Vetch is sure to have in the next few years. The general directions about sowing are the same as for Hairy Vetch. Sow at oat sowing time in the spring, using 25 to 30 lbs. of Vetch with one bushel of Oats. Inoculate with Farmogerm.

MISCELLANEOUS FORAGE CROPS

Buckwheat

This is a late summer crop that is very desirable for mountain sections. Buckwheat is largely grown for bees and grain. It is often planted as a soil improver to turn under or as a sure means of smothering out weeds.

JAPANESE—This is the earliest variety and possibly the best for the South. It is a prolific yielder of unusually large kernels, and has good branching qualities. Postpaid, lb. 15c; 10 lbs. 90c. Not Prepaid, 10 lbs. 75c; bu. \$2.75.

Mangel-Wurtzel Or Stock Beets

MAMMOTH LONG RED—On good soil sometimes grows 18 inches long. Dark leaves; skin bright dark red; flesh white with veined rings of rose-pink. An excellent keeper; nutritious and milk-producing. One ounce for 50 ft. of drill; 5 lbs. for one acre. Postpaid, oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c. Not Prepaid, lb. 60c; 5 lbs. and over at 50c per lb.

WHITE FRENCH SUGAR—A white fleshy, handsome and very productive strain, skin below ground rose-colored, top gray. Postpaid, oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c. Not Prepaid, lb. 60c; 5 lbs. and over at 50c per lb.

GOLDEN TANKARD—A yellow-fleshed variety, highly prized by dairymen for milk-producing qualities. Postpaid, oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c. Not Prepaid, lb. 60c; 5 lbs. and over at 50c per lb.

Seed Rye

Rye may be sown any time from July to December, before freezing weather sets in. On poor land sow early. It produces green food earlier in the spring than any other grain.

ABRUZZI RYE—The best rye for lighter lands. Gives a quick, vigorous growth with large well-filled heads. Matures earlier than common rye. Write for prices.

MOUNTAIN RYE—This rye is much harder than the Abruzzi Rye, as it stands the severe winter without injury. Write for prices.

Sorghum Cane

EARLY ORANGE—Strictly a forage crop like Amber Cane, considered by many to be the best yielder of all the cane forage crops; is medium late, and produces large stalks. Postpaid, lb. 15c; 10 lbs. \$1.15. Not Prepaid, bu. \$3.50.



Dwarf
Essex
Rape



EARLY RED TOP SORGHUM—A late variety producing very large stalks and more syrup. Largely utilized as a green hog feed. Postpaid, lb. 15c; 10 lbs. \$1.15. Not Prepaid, bu. \$3.50.

EARLY AMBER—Produces a large yield of nutritious hay; grows 10 to 12 ft. high, has excellent stooling tendencies, can be cut 2 or 3 times for hay. An excellent green or cured feed. Broadcast $\frac{1}{2}$ bushels to acre. Postpaid, lb. 15c; 10 lbs. \$1.15. Not Prepaid, bu. \$3.50.

JAPANESE SEEDED RIBBON—This is the very best variety for syrup. It produces a large yield of syrup, the flavor of which is superior to all other varieties on the market. Postpaid, lb. 20c; 10 lbs. \$1.75. Not Prepaid, bu. \$4.50.

BEARDLESS SPRING BARLEY—This variety sown in the spring matures as quickly as winter barley sown in the fall. It supplies fine green forage for cattle and poultry and also makes excellent hay. Can be sown with rye, vetch, and rape, for spring grazing. Postpaid, lb. 15c; 10 lbs. \$1.00. Not Prepaid, pk. 65c; bu. \$2.00.

BROOM CORN, IMPROVED EVERGREEN—This is the best variety for the South, is tall and straight, fine green appearance when cured. Plant 10 to 15 lbs. to the acre in rows 3 feet apart; cultivate early and often. Harvest when seed becomes soft and milky. Postpaid, lb. 25c; 10 lbs. \$1.90. Not Prepaid, 10 lbs. \$1.55; 100 lbs. \$12.00.

Dwarf Essex Rape

Rape is one of the quickest and cheapest pasture crops for sheep, young cattle, poultry and hogs. Sown in the same manner as turnips, in drills or broadcast. When sown in drills, 5 lbs. to an acre is used; if sown broadcast, it requires 10 lbs. to an acre. Postpaid, lb. 20c; 10 lbs. \$1.75. Not Prepaid, 10 lbs. \$1.50; 100 lbs. \$12.00.

All Valuable Leguminous Plants And Summer Forage Crops

Soy Or Soja Beans

The cultivation of this crop is increasing rapidly, due to its value and importance for a forage crop and soil improver. Soy Beans are also valuable to the Southern farmer, as they resist the drought and hot weather to a great extent. Soy Beans are practically the only crop that furnishes a balanced ration feed in one crop. Both the forage and bean crop are very nutritious; can be sown in drills $3\frac{1}{2}$ ft. apart at the rate of $\frac{1}{2}$ bushel to 3 pecks to an acre or broadcast $1\frac{1}{2}$ bushels to an acre. Thick sowing prevents stalks from growing too coarse. Often successfully sown with cow peas, mixing $\frac{1}{2}$ bushel Soy Beans to 1 bushel of cow peas to an acre. We list below the most popular varieties.

WILSON EARLY BLACK SOY—A very early variety, also very prolific. Has fine stems which enable it to cure for hay quicker than other varieties. Price fluctuates. Write.

MAMMOTH YELLOW SOY, SOJA—This variety we consider especially valuable for this section and farther south. It makes the largest yield of forage and beans of the known varieties.

MAMMOTH BROWN SOY—This variety is very well adapted to this locality and has been sown with fine results. Fully as prolific as the Mammoth Yellow. Price fluctuates. Write.



Mammoth Yellow Soy or Soja Beans

Peanuts

CULTURE—Shell the nuts and plant in April or May in drill's $2\frac{1}{2}$ to 3 ft. apart, dropping them 12 to 15 inches apart in the drill. Work occasionally, cultivating flat and keeping the land clean of weeds.

SPANISH—An early small-sized variety which is enormously prolific, and the kernels are very rich and fine flavored. It is also very largely grown for stock-feeding, the vines and roots pulled up and cured making excellent, nutritious hay or very fattening hog feed. Postpaid, lb. 30c; 10 lbs. \$1.90. Not Prepaid, 25 lbs. \$3.75.

IMPROVED LARGE VIRGINIA—A very profitable variety to grow, and is easily cultivated; very erect; largest pods and kernels with fewer imperfect pods than any other variety. The vines make valuable forage for stock. Postpaid, lb. 25c; 10 lbs. \$2.25. Not Prepaid, 25 lbs. \$3.50.



Spanish Peanuts

Field Or Cow Peas

The South's Great Soil Improver Hay. Cow Peas are too well known to give space to the value as a hay ensilage crop, their high feeding qualities and their great power of enriching the soil. We list the popular varieties below.

CLAY—Very similar to the Unknown, but earlier; vigorous growth, popular. Price fluctuates. Write.

WHIPPOORWILL—An upright growing variety. Early; has brown speckled seed, which are easily gathered. Produces good vine growth. Price fluctuates. Write.

IRON COW PEAS—A very early, small clay colored hard pea, of vigorous growth and disease-resistant qualities; very prolific bearer. Price fluctuates. Write.

BRABHAM—This variety is better adapted for light soils than heavy soils. It has proven in a number of tests to give larger yields of forage and peas than any other variety on the market. Price fluctuates. Write.

MIXED COW PEAS—Preferred by many farmers where the crop is intended for soil improving; they will grow thicker than separate varieties, producing better crop of vines and forage. Price fluctuates. Write.

Velvet Beans

100-DAY VELVET BEANS—This new variety is the quickest growing, earliest maturing of the Velvet Beans, making it possible to grow with success in North Carolina, Virginia and Tennessee, Velvet Beans, thus giving the benefit to the soil that no other crop can give, far surpassing the Cow Peas for this. In addition to being a soil-improver crop, the 100-Day Velvet Beans make one of the best grazing crops for cattle. Velvet Beans are best planted in rows about 4 to 5 ft. apart, at the rate of about $\frac{1}{2}$ bushel to acre. Price fluctuates. Write. Inoculate Beans and Cow Peas with Farmogerm.

HIGH GRADE FERTILIZERS

Prices are for Cash, F.O.B. Asheville, subject to market change. When you are ready to buy, ask for firm price.

The Yield And Quality Of Vegetables Depend Upon Continuous And Rapid Growth

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of the latter, beets become stringy, etc. Plant food of the right amount and kind controls the yield and quality of market-garden products more than any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

For valuable information on fertilizers and the proper handling of the soil (for which no charge is made) write to Soil Improvement Committee, Southern Fertilizer Association, 614 Rhodes Building, Atlanta, Ga.

Acid Phosphate

Analysis: 16% Available Phosphoric Acid. Many Southern soils lack available phosphoric acid, hence for this reason Acid Phosphate is an almost indispensable fertilizer. Although it is an excellent fertilizer for general crops, its principal value is a grain and grass fertilizer. Apply 200 lbs. per acre and mix well with soil 2 or 3 weeks prior to seeding for best results. Price, 200 lb. bag \$1.75; ton \$17.00.

Basic Lime Phosphate

Analysis: 13% Available Phosphoric Acid; 30% Lime; 8% Sulphur. This fertilizer is more readily available as plant food than other phosphates, as it contains a large per cent of lime. It sweetens acid soils and should be applied liberally where grain and clovers are to be grown. It will greatly increase the yield of wheat and rye. Apply 400 lbs. to the acre. Price, \$2.00 per 200 lb. bag; \$20.00 per ton.

Grain And Grass Fertilizer

Analysis: 2% Ammonia; 8% Available Phosphoric Acid; 2% Potash. This is a quick acting and lasting fertilizer, especially prepared for grain and grass crops. The great popularity of this fertilizer is due to the increased production of crops and the permanent improvement of the soil that has resulted by its use. Also good for vegetables. Apply 200 to 400 lbs. to the acre. Price, \$2.75 per 200 lb. bag; \$27.00 per ton.

High Grade Vegetable

Analysis: 4% Ammonia; 8% Available Phosphoric Acid; 4% Potash. Apply 400 to 600 lbs. to the acre. This complete fertilizer is especially prepared for beans, peas, cabbage, tomatoes, potatoes, melons, and other vegetables. The ingredients dissolve quickly and supply available plant food immediately, producing wonderful results by the stimulation of the vegetable plants into a luxuriant growth. Price, 100 lbs. \$2.25; 200 lbs. \$3.75; ton \$37.00.

Pure Raw Bone Meal

Approximate Analysis: 20% Available Phosphoric Acid; 4½% Ammonia; 3½% Nitrogen. Bone Meal is an excellent fertilizer for all kinds of fruit trees, rose bushes, grape vines, bulbs, geraniums, ferns, palms, and other potted plants; and for grass crops. Whether for pasture, hay or lawn, Bone Meal will be found not only a valuable fertilizer, but a cheap one. It dissolves gradually, supplying food steadily during the growing season. Price, 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.50.

Wizard Brand Sheep Manure

This is a pure, natural manure, and its effect is immediate. It is excellent for mixing with the soil for greenhouse plants—one part of manure and six parts soil. Strewn over and dug into the flower or vegetable garden or placed directly in drills or hills it promotes a rapid, steady growth until maturity. Being free from noxious weeds, it is vastly superior to stable manure for enriching lawns. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, 1 lb. to 5 gallons of water will make a liquid which can be used safely daily if necessary. Ask for Wizard Folder. Price, 5 lbs. 30c; 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00; 500 lbs. \$13.75; 1,000 lbs. \$25.00; ton \$48.00.

Tobacco Dust

The high percentage of Potash and Ammonia in this excellent fertilizer renders it invaluable for mulching, covering lawns, etc. It will soon rid your lawn of ants. It is also burned for fumigation purposes. Price, 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.00.

Nitrate Of Soda

Nitrate of Soda is not a substitute for other manures, but we recommend it as the cheapest and best form in which to apply nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops, you must furnish the plant with nitrogen. For the home garden apply as a solution 1 oz. to 2 gallons of water. Price, subject to market changes, lb. 10c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; 200 lbs. \$8.50.

Pulverized Limestone

The agricultural value of lime has been known for centuries, it is an economic neutralizer for soil acidity, also beneficial to the soil in many other ways; it improves the texture of the soil, lets in air and moisture, liberates nitrogen and other plant food, makes your soil sweet, enlivens it; that is, makes conditions favorable to plant growth by giving life to the soil bacteria which make it productive. Lime will be found very beneficial in the growing of all garden crops, fruit trees, and flowers. Use it on the lawn, as Kentucky Blue Grass will not grow in sour land. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, or by hand in small gardens, about a large handful to a square yard. Price, 25 lbs. 50c; 100 lbs. \$1.00; 1 bag (200 lbs.) \$1.50; 5 bags \$5.00; 10 bags \$9.00.

INSECTICIDES AND FUNGICIDES

No Article On This Page Can Be Mailed Except Those Quoted "Postpaid"

ARSENATE OF LEAD—Powder; superior to paste in that it does not deteriorate from standing. Use 1 to 1½ lbs. to 50 gals. of water. Price, ½ lb. 25c; 1 lb. 45c; 4 lbs. \$1.20; 12 lbs. \$3.60.

"BLACK LEAF 40"—Destroys such insects as Aphids (Plant Lice), Thrips, Leaf Hoppers. Contains 40% of nicotine. One ounce bottle makes about 6 gallons; ½ lb. tin makes from 40 to 150 gallons spray. In order to assist the "Black Leaf 40" to penetrate to and thoroughly wet the insect, it is advisable when spraying with "Black Leaf 40" alone to add 3 or 4 lbs. of dissolved soap to every 100 gallons of spray. When using "Black Leaf 40" in combination with other sprays, do not use soap. Price, 1 oz. 35c; ½ lb. tin \$1.25; 2 lb. tin \$3.50; 10 lb. pkg. \$13.50. Cannot be mailed.

BLACK FLAG—For the destruction of ants, bed bugs, flies, fleas, roaches, moths, and insects that infest households and plants. Postpaid, ¼ oz. size 15c; 1½ oz. size 35c.

BORDEAUX MIXTURE—Endorsed by leading entomologists. Will prevent blight, scab, rust, mildew, black-rot, and other fungus diseases of plants and fruits; also will improve the quality and increase the yield. It should be used on grapes, cucumbers, melons, tomatoes, etc. Potatoes respond generously to thorough spraying. To make a combined Fungicide and Insecticide, add 1 lb. of Paris Green or 2 lbs. of Arsenate of Lead to 150 gallons of the diluted mixture. One lb. of Bordeaux Mixture makes 8 gallons of Spray Mixture. Price, lb. 30c; 4 lbs. \$1.15; 24 lbs. \$6.00.

BLUE STONE OR BLUE VITRIOL—Used for early spraying and in making Bordeaux Mixture and copper solution. Will keep indefinitely. Price, 5 lbs. 75c; 10 lbs. \$1.40; 50 lbs. \$6.00. Special prices on large quantities.

CARBOL WHITE PAINT—It is recommended for killing lice, mites, fly eggs, etc., and as a preventative of the contagious diseases that affect stock and poultry. Can be applied with brush or sprayer, a disinfectant paint that dries white; use instead of whitewash. Postpaid, 25 ozs. 40c; 10 lbs. \$1.45. Express, 25 ozs. 30c; 10 lbs. \$1.30.

CREO-SUL—A cold water dip, insecticide, disinfectant, deodorizer, antiseptic and detergent. Rapidly fatal to all insect pests which infest domestic animals, but positively harmless to the skin. Heals eruptions and cuts, and promotes new growth of fine hair and wool. A perfect sheep dip and splendid disinfectant. Invaluable for dog kennels, poultry houses, etc. Postpaid, pt. 60c; qt. 95c. Not Prepaid, pt. 50c; qt. 85c; ½ gal. \$1.35; gal. \$2.00.

FISH OIL SOAP AND TOBACCO—Usually called Whale Oil Soap. An excellent preparation for plants infected by vermin. Also used against fungus diseases and will keep trunks of trees free from borers and other bark destroyers. Destroys the mealy-bug and nearly all lice on indoor plants and scale on palms. Postpaid, lb. 35c. Not Prepaid, lb. 25c.

HELLEBORE—For worms, caterpillars, etc. Less poisonous than Paris Green and Arsenate of Lead, and safer to use when vegetables and fruits are nearly ripe. Dissolve 1 oz. to 2 gals. of water. Price, Postpaid, ¼ lb. 35c. Not Prepaid, ¼ lb. 30c.

KEROSENE EMULSION—For Sucking Insects. A safe and sure remedy for squash-bugs, plant and bark-lice, San Jose Scale, caterpillars, rose-

bugs, green-fly, melon and pea louse, and all sucking insects. Add 25 to 50 gallons of water to 1 gal. of emulsion, and it is ready for use. Spray before the blossom buds open and again after the blossoms fall. The second spraying should have Paris Green mixed with it to kill leaf-lice and insects. Postpaid, pt. 35c; qt. 60c. Not Prepaid, pt. 25c; qt. 45c.

DRY LIME SULPHUR—For the control of all scales, San Jose, Oyster Shell, etc., when the trees are in a dormant state, is used in the ratio of 10 lbs. to 14 lbs. to 50 gallons of water. Use from 3 to 4 lbs. of Dry Lime Sulphur and 1 lb. Dry Arsenate of Lead to 50 gallons of water for control of Apple Scab and Pear Scab. Brown Rot and Leaf Spot are controlled by adding 56 gallons of water to a mixture of 1½ lbs. Dry Lime Sulphur and 1 lb. Arsenate of Lead. Dry Lime Sulphur is highly recommended for all summer sprays in connection with arsenic materials and Black Leaf "40" for control of insects and fungus. Prices, 1 lb. 25c; 5 lbs. 95c; 10 lbs. \$1.60; 25 lbs. \$3.50; 50 lbs. \$6.50; 100 lbs. \$12.00; 200 lbs. \$22.00.

NIAGARA SOLUBLE SULPHUR COMPOUND Has many advantages over the old fashioned lime-sulphur solution. Chief among these are the elimination of 500 lbs. of water and package and the consequent saving of freight, the easy and convenient hauling and handling, keeps indefinitely in any climate, no loss from leakage, no freezing or crystallization, no bother returning empty barrels. Especially for the control of San Jose Scale, we believe Niagara Soluble Sulphur Compound to be the best and most economical spray material on the market.

AMOUNT OF MATERIAL TO USE—For the Dormant Sprays, for the control of such troubles as San Jose Scale, Oyster Shell Bark Louse, etc., use 12½ lbs. of Niagara Soluble Sulphur Compound to 50 gallons of water. Prices, 1 lb. 20c; 5 lbs. 60c; 10 lbs. \$1.00.

PYROX—Bordeaux Arsenate of Lead, Paste. A combination of Bordeaux Mixture and Arsenate of Lead, forming thereby a remedy for fungus and leaf-eating insects. Use 1 lb. to from 5 to 10 gals. of water. Price, 1 lb. 45c; 5 lbs. \$1.65; 10 lbs. \$3.00; 25 lbs. \$6.00; 50 lbs. \$11.00; 100 lbs. \$18.50.

PARA DICHLOBENZINE—Insecticide for Peach Tree Borer. This material will very quickly rid the peach tree of this pest. Use ½ ounce to 1½ ounces to each tree, depending on age. Price, 1 lb. can 45c; 5 lb. can \$1.75.

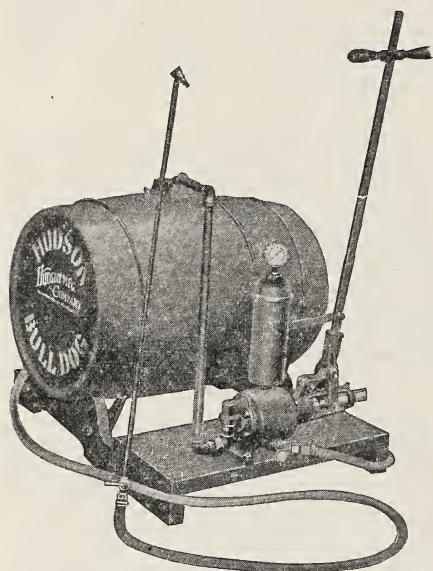
RED CROSS RAT EMBALMER—It leaves no odor. It dries them up and mummifies the dead bodies. Price, 25c; 50c; \$1.00.

SLUG SHOT—A light, composite, fine powder, easily distributed by duster, bellows or in water by spraying. It is thoroughly reliable in killing worms, bugs, fungi, etc., on cabbage, currants, beans, cucumber, squash, cauliflower, potatoes, etc., and other vegetable crops. Slug Shot keeps garden crops free of diseases and insect pests, invigorates the plants, and increases yields. It is convenient to handle. Postpaid, lb. 30c; 5 lbs. 75c; 10 lbs. \$1.40. Not Prepaid, lb. 25c; 5 lbs. 60c; 10 lbs. \$1.20.

VERMINGO—Insecticide and Disinfectant. It kills by contact, bed bugs, roaches, fleas, moths, lice, ants, etc. Use freely in house as disinfectant. Price, pt. 50c; qt. 85c; ½ gal. \$1.50; gal. \$2.50.

SPRAYERS

Bull Dog Barrel Sprayer



Friend Sprayer

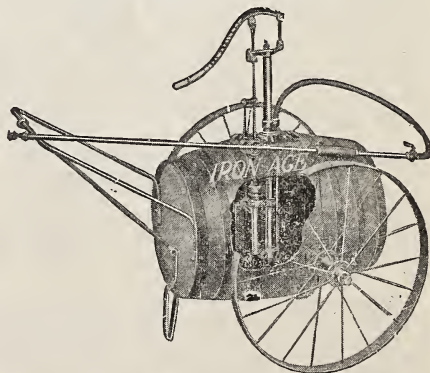


Model BX—Friend Power Sprayer

No. 47—An outfit of this type is particularly convenient because it is complete in itself. It can be placed in a wagon or on a stone boat and readily moved from place to place. Very desirable for spraying orchard or field crops for disinfecting and safeguarding railway cattle pens and cars, for treating cattle, sheep, hogs, or chickens with any of the numerous preparations for prevention of disease, for spraying shade trees, shrubs, flowers, etc., to protect them from insect destroyers, or for treating lawns to eradicate weeds. Pump—The Bull Dog is a compound high pressure pump of the horizontal type. Because of its unusual leverage, the operator can maintain a working pressure of 200 lbs. easily. A large air pressure chamber makes the pump very elastic, and aids in holding an even pressure at the nozzle. All working parts are brass, easily removed for cleaning, inspection, etc. Tank—Welded steel barrel which is practically indestructible. Will not warp or dry out when not in use. Fastened to skids with steel straps. Fitted with swinging agitator driven by operation of the pump. Supply line protected from sediment by brass wire screen on end of pipe in barrel. Skids—First grade lumber securely bolted together. Discharge Equipment—12½ ft. of ½ in. spray hose, and 8 ft. extension rod, angle ideal spray nozzle and leakless brass shut-off valve. Fitted for 2 lines of hose. Complete with barrel as shown. Price, \$55.00.

The most popular, light weight, medium capacity power sprayer made. This is the original hilly orchard model designed many years ago for mountain work in Virginia, now proven most practical in all sections. BX motorpump used, 200 gal. tank, direct propeller agitator, low down, short turn, large wheel, easy drawing, "Friend" style; spray-gun equipment. Write for catalog and prices.

Small Barrel Sprayer



No. 197—Small Barrel Sprayer, 20 gallons capacity, mounted on steel truck, equipped with necessary handles, spray pipe, stop cock, nozzle, sliding hand grip. Price, \$25.00.

ARMSTRONG STANDARD SPRAY PUMP

THE PUMP OF A HUNDRED USES

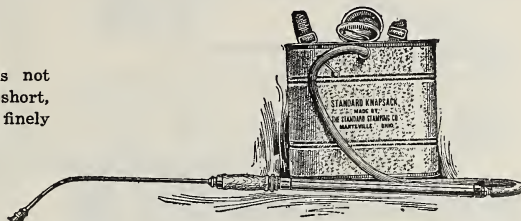
The Armstrong Standard Spray Pump

The Armstrong Standard Spray Pump is not a compressed air sprayer, and is, in short, merely a very accurately designed and finely fitted "squirt gun," with a proper outfit of nozzles capable of various combinations. It is made of brass throughout. The nozzles are attached to the discharge end and the hose to the suction end of the pump.



As Supplied For Spraying From Bucket

The owner of a Standard Spray Pump does his work with a maximum of speed and a minimum of effort. His simple apparatus is always ready for use on a moment's notice. Most of the spraying may be done with it at odd times and work with it is rather a pleasure than a burden.



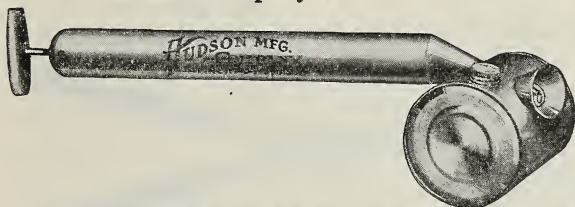
Armstrong Standard Pump With Knapsack And Short Extension Attachments

By different arrangements of the several nozzles regularly supplied, sprays of varying fineness, from a mist to a straight stream that carries 60 feet, are produced.

Prices:	Postpaid	Not Prepaid
Pump Only	\$5.25	\$5.00
Knapsack	4.00	3.75
Potato Extension	1.15	1.00
Veterinary Nozzle60	.50
Complete Outfit	11.00	10.25
Extra Hose, Per Ft.22½	.20

Write for Standard Spray Pump Folder.

Rainbow Sprayer

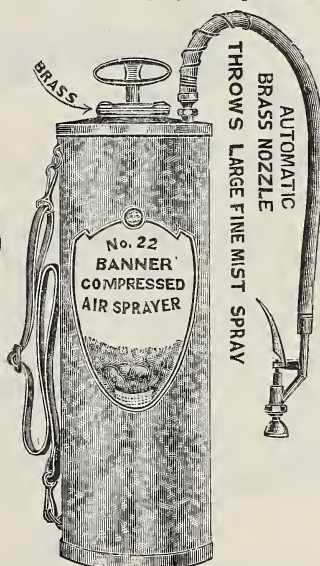


The Rainbow Sprayer is very serviceable for any work, and, because the funnel aids in directing the spray, it is economical in the use of material. Tank: One full quart capacity; 4 inches in diameter; 4½ inches long. Made of heavy tin. Lockseamed and leakproof. Price, 50c each; postpaid 60c.

Vapor Sprayer



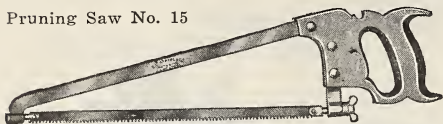
The Vapor Spray is a good cheap Sprayer, especially adapted for household and occasional use. Tank: Heavy tin, 3 inches diameter, 3 inches long; capacity, about ¾ pint. Double-seamed and leakproof. Price, 35c each; postpaid 40c.



No. 22—Banner Compressed Air Sprayer. A glance at the illustration and the description will convince you of the superiority of this Sprayer. Made to withstand extraordinary wear. No. 22 Banner is adapted for all spraying, and is unsurpassed for spraying gardens, plants, shrubs, and flower beds. It is also used successfully for whitewashing and spraying disinfectants. The 4 gallon tank is made of brass, the pump is all brass and is fitted with golden automatic nozzle which throws a long distance a coarse or fine spray. It is conveniently carried on the shoulder by adjustable straps. Price, Complete, Brass Tank, \$9.00.

ORCHARD, LAWN AND GARDEN TOOLS

Pruning Saw No. 15



DISSTON PRUNING SAW No. 15—Crucible blued steel blade; polished flat steel frame, slightly tapered; riveted socket; swivel stretcher; adjustable blades; beechwood handle. Postpaid, \$2.25. Not Prepaid, \$2.15.



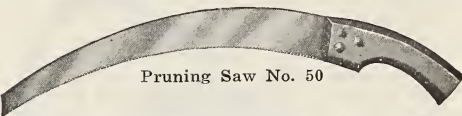
Pruning Saw No. 7

DISSTON PRUNING SAW No. 7—Cast steel blade, applewood handle, polished edges; 2 brass screws, 18 inches. Postpaid, \$1.85. Not Prepaid, \$1.75.



Pruning Saw No. 4

DISSTON PRUNING SAW No. 4—Duplex, double edge, cast steel blade, polished. Quick acting teeth on one side and plain teeth on reverse edge; beechwood handle, polished; 3 brass screws; 16 inches. Postpaid, \$1.85. Not Prepaid, \$1.75.



Pruning Saw No. 50

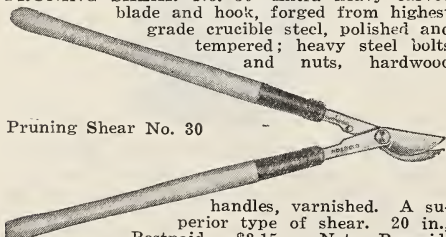
DISSTON PRUNING SAW No. 50—Crescent shape; crucible steel blade, polished, carved beechwood handle, brass screws; 14 inches. Postpaid, \$1.50. Not Prepaid, \$1.25.

TREE PRUNER No. 32—Select hardwood pole, natural finish; forged steel hook; tempered crucible steel draw cutting knife, blade $4\frac{3}{4}$ inches long, insuring ample leverage; steel wire drawing rod; steel lever handle. It does satisfactory pruning from the ground or on outer trunks of large trees. Not Prepaid, 6 ft. extension, \$1.25; 8 ft. extension, \$1.75.

Tree Pruner
No. 32

PRUNING SHEAR No. 30—Extra heavy curved blade and hook, forged from highest grade crucible steel, polished and tempered; heavy steel bolts and nuts, hardwood

Pruning Shear No. 30

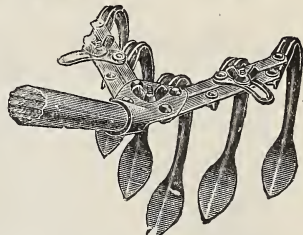


handles, varnished. A superior type of shear. 20 in., Postpaid, \$3.15. Not Prepaid, \$3.00. 24 in., Postpaid, \$3.40. Not Prepaid, \$3.25.

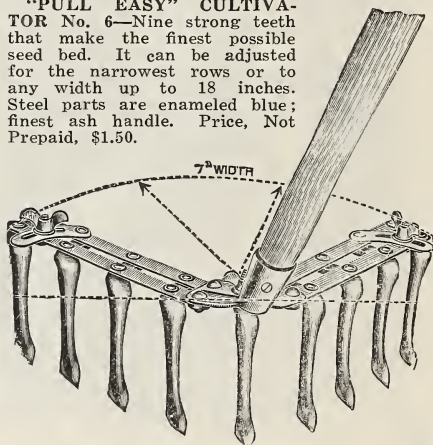
PRUNING SHEAR No. V13—Forged tool steel blade 9 inch. Postpaid, \$1.40. Not Prepaid, \$1.30.



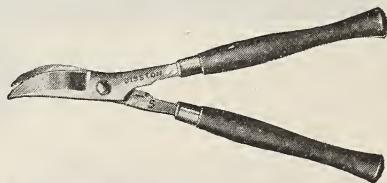
"PULL EASY" CULTIVATOR HOE No. 5—Five long, grasping teeth, deeply channelled to give maximum strength with extreme lightness. It pulverizes and rakes finely the hardest soil and cultivates between rows in a superior fashion. Price, Not Prepaid, \$1.35.



"PULL EASY" CULTIVATOR No. 6—Nine strong teeth that make the finest possible seed bed. It can be adjusted for the narrowest rows or to any width up to 18 inches. Steel parts are enameled blue; finest ash handle. Price, Not Prepaid, \$1.50.



"Pull Easy" Cultivator No. 6



LADIES' HEDGE SHEARS No. 1—Forged Cutlery Steel; 6 inch blades. Postpaid, \$1.65. Not Prepaid, \$1.50.



PRUNING SHEAR No. V14—High grade tempered tool steel blade; brass spring ratchet nut. Postpaid, \$2.10. Not Prepaid, \$2.00.



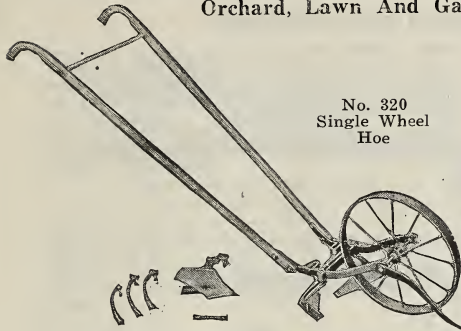
PRUNING SHEAR No. V15—Forged cutlery steel; nickel finish. Postpaid, \$2.60. Not Prepaid, \$2.50.

PRUNING SHEAR No. 313—Tempered tool steel blade; Volute Spring; adjustable ratchet nut; Japanned handles. Postpaid, \$1.35. Not Prepaid, \$1.25.

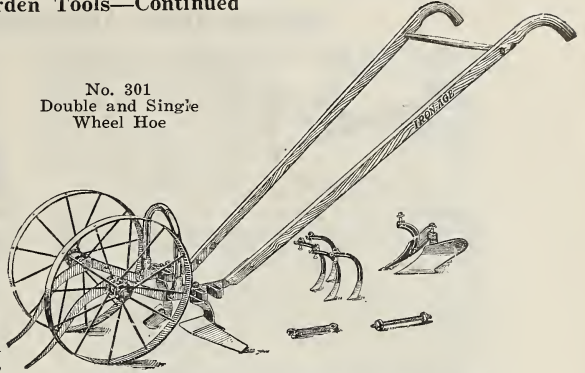
PRUNING SHEAR No. 314—Tempered crucible steel, extra heavy blade; polished head and handles. Postpaid, \$2.85. Not Prepaid, \$2.70.

Orchard, Lawn And Garden Tools—Continued

No. 320
Single Wheel
Hoe



No. 301
Double and Single
Wheel Hoe



No. 320—A strong, durable, inexpensive tool that will do all the between-the-row cultivating, furrowing, ridging, weeding, leveling, etc., required in any home garden. Tools include pair side hoes, landslide plow, and 3 steel cultivator teeth, adjustable for close or wide cultivation. Price, \$8.00. Complete, with Rake, \$8.50.

PLOW No. 50—Is a good low-priced cultivator which has been very popular for several years. The frame is of wrought flat steel, handles adjustable to 3 different heights. Hand grips 7 inches long; wheel 24 inches in diameter. This is particularly suitable for cultivating rough land. Price, \$4.00.

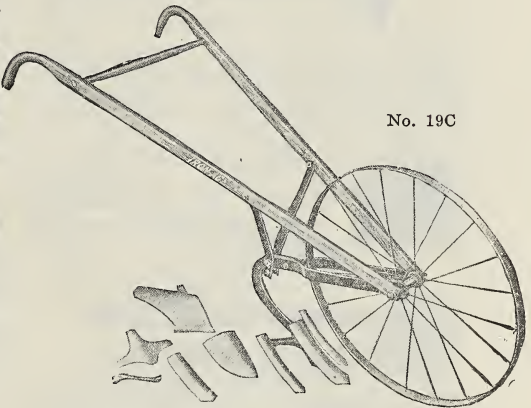
COMBINED HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE No. 306—Is the same tool as No. 315 except that it can be made into a double wheel hoe, and has higher frame equipped with landslide plow instead of pair of double plows. Price, 306 complete, \$20.00.

WHEEL PLOW AND CULTIVATOR No. 12—Will plow in all but hard ground, open furrows and cover them; hill growing crops, hoe, rake and cultivate. Price, \$7.00.

GEM SINGLE—Equipped with 5 slender cultivator teeth, 2 sizes of scuffle hoe for work between the rows. Especially for use in hard soil. Price, \$8.00.

COMBINED HILL AND DRILL SEEDER AND SINGLE WHEEL HOE No. 315—Is a most popular and complete tool, especially planned for all garden work. In a single operation it will open its own furrow, sow in continuous rows or drop in hills, cover the seed with loose soil, pack it with a roller and mark the next row. All vegetables—Asparagus, Beets, Cabbage, Carrots, Onion, Cucumber, Melons, Spinach, Radish, Peas, etc.—are planted with No. 315, in a most accurate manner, insuring an even stand and a well laid out garden. The changes from hill to drill seeder or single wheel hoe for cultivation of vegetables are made with ease and rapidity. All tools shown on the illustration accompany this tool. Price, 315 complete, \$16.75.

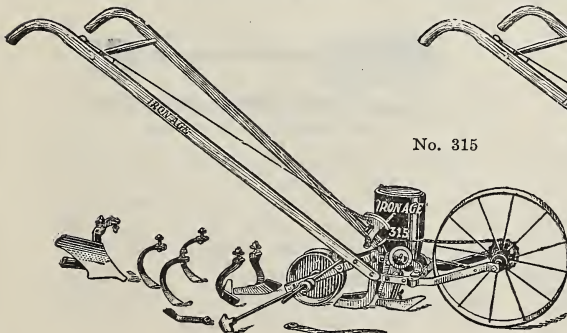
DOUBLE AND SINGLE WHEEL HOE No. 301 Can be changed from double to single in a minute, an extremely valuable feature. You can hoe, cultivate, ridge growing crops, weed level, and pulverize your soil; open furrows, mix fertilizers, cover seed with this excellent tool. Price, \$12.00.



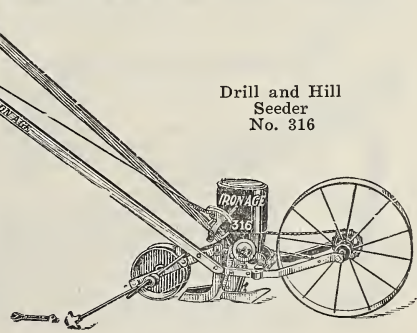
No. 19C

No. 19C—This low-priced, convenient tool easily keeps the ground in perfect cultivation. Equipped with 24 inch wheel, 2 sizes single teeth, a scuffle hoe, and set of 3 teeth on one bracket for hoeing and cultivation between wider rows. Price, \$6.00.

DRILL AND HILL SEEDER No. 316—Is an important tool built especially for those who do not care for a combined tool. It sows in continuous rows or deeply in drills, and is identically the same tool as No. 315 without cultivator attachments. Price, \$15.50.



No. 315



Drill and Hill
Seeder
No. 316

Orchard, Lawn And Garden Tools—Continued

FLORAL SET No. 120—Composed of hoe, shovel and rake. The handles are short, making them particularly adapted for working in flower beds or children's gardens. Postpaid, \$2.25. Not Prepaid, \$2.00.



Floral Set No. 120

FLORAL SET No. 121—Consists of heavy shank hoe, 5 tooth iron rake, heavy 6 inch English Pattern Trowel. All finished in gold bronze. Postpaid, \$1.15. Not Prepaid, \$1.00.

OAK LEAF ASPARAGUS KNIFE No. 122—Special quality tool steel blade, tempered and hardened, hardwood handle; length of blade, 15 inches. Postpaid, 55c. Not Prepaid, 50c.

GARDEN HOE No. 127—Cast steel, finely tempered, half polished and painted; ½ inch solid shank; straight grained white ash handle. Price, Not Prepaid, 75c.



Ladies' Hoe No. 128

LADIES' HOE No. 128—First quality steel, polished, gold bronzed shank and ferrule, straight-grained white ash handle. A durable hoe of light weight for the garden and flower culture. Price, Not Prepaid, 65c.



UNHANDLED EYE HOE No. 123—Finest quality crucible steel; can be filed or sharpened; seven inch blade. Postpaid, 75c. Not Prepaid, 65c.



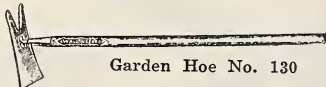
Garden Hoe No. 126

GARDEN HOE No. 126—Best quality steel blade, polished; fitted straight grain white ash handle thoroughly seasoned and waxed. Price, Not Prepaid, \$1.00.



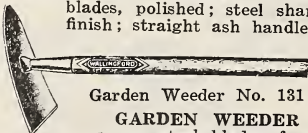
Garden Hoe No. 132

GARDEN HOE No. 132—Heart shape blade, extra quality and finish; 7½ inch blade, solid socket; full polished, straight grain ash handle. Of particular merit in culture of flowers and vegetables. Price, Not Prepaid, \$1.00.



Garden Hoe No. 130

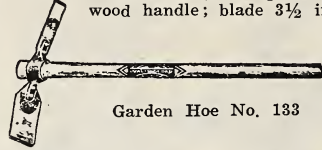
GARDEN HOE No. 130—First quality steel blades, polished; steel shank, gold bronze finish; straight ash handle; blades 3½x9; 4 ft. handle. Price, Not Prepaid, 65c.



Garden Weeder No. 131

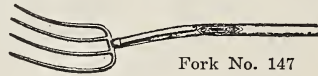
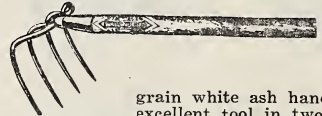
GARDEN WEEDER No. 131—One strong steel blade of superior quality, polished and bronzed; straight white ash handle, capable of pulverizing tough soils; a durable, strong implement. Price, Not Prepaid, 60c.

GARDEN HOE No. 133—One special piece of crucible steel, half polish; 4½ ft. hardwood handle; blade 3½ in. wide. Used for heavy digging and pulverizing stiff soils. Price, Not Prepaid, 85c.



Garden Hoe No. 133

POTATO HOOK No. 144-145—Broad oval tines of remarkable durability; straight shank; plain ferrule; 4½ ft. straight grain white ash handle. Offer this excellent tool in two types. Price, 4 tines, No. 144, Not Prepaid, \$1.00. Price, 6 tines, No. 145, Not Prepaid, \$1.50.



Fork No. 147

MANURE FORK No. 147—Strap ferrule; gold and blue finish; straight grain white ash handle. We offer only one fork; a superior quality in steel; tines 10 inches long; spread 8 inches wide; 4½ ft. handle. Price, Not Prepaid, \$1.50.



SPADING FORK No. 146—Fine bronze finish; angular steel tines of first quality; straight grained white ash handle. This tool is indispensable to all gardeners in preparing hotbeds, etc., for small seeds. Price, Not Prepaid, \$1.75.



Short Handle Shovel No. 150

SHORT HANDLE SHOVEL No. 150—Extra cast steel; plain back socket strap; straight grain white ash handle. Used for dirt, coal, manure, etc. Price, Not Prepaid, \$1.50. Same design with long handle. Not Prepaid, \$2.00.



Short Handle Spade No. 149

SHORT HANDLE SPADE No. 149—Square point, polished; 12 in. blade length, 7½ in. width; handle best white ash 27 inches long. Price, Not Prepaid, \$1.50. Same design with long handle. Price, Not Prepaid, \$2.00.

LONG HANDLE SPADE No. 148—Polished black finish; handle 4½ ft. long, hardwood finish. Price, Not Prepaid, \$1.50.

Orchard, Lawn And Garden Tools—Continued



Post Hole Digger No. 151

POST HOLE DIGGER No. 151—Hardwood handles, round taps, square shoulders, fitted into one solid socket and bolted; one piece solid steel blades of first quality; blades 9 inches long. Digs 6 inch hole; length over all, 57 inches; point of blades polished. Price, Not Prepaid, \$2.00.



Garden Rake
No. 152

GARDEN RAKE No. 152—The very best quality steel. The teeth are made of polished steel in pairs, solidly riveted. It is the strongest and most durable rake on the market. Straight grained white ash handle. Price, Not Prepaid, \$1.25.



Garden Rake
No. 153

GARDEN RAKE No. 153—Made entirely from best grade of steel, width 5-8 in. head, teeth and head cut from one solid piece of steel, round steel bow, securely fastened into handle which is good quality white ash. Price, Not Prepaid, \$1.00.



Garden Rake
No. 154

GARDEN RAKE No. 154—Malleable iron, straight teeth, natural plain ferrule, straight grain ash handle. Price, Not Prepaid, 60c.



Lawn Rake No. 156

LAWN RAKE No. 156—Steel wire teeth rakes have always been particularly suitable for raking lawns. They stir the soil around roots of grass without digging up or disturbing young seedlings of the lawn. Price, Not Prepaid, 75c.

LAWN RAKE No. 155—Hardwood head, second growth hickory teeth, straight grained white ash handle, mortised in the head and supported by wire braces. This durable rake is excellent for lawns in that it does not destroy or disturb the roots of young grasses in raking off leaves or vegetable matter. Price, \$1.00.

JUNIOR PULL EASY—No. 7, 10 in. handle, Price, Not Prepaid, 65c. No. 8, 4 ft. handle, Price, Not Prepaid, 90c.

MAGIC WEEDER No. 51—Teeth are of spring construction, thus eliminating all jar while using. It is strong in construction, light of weight, and most useful in every respect. Postpaid, 30c. Not Prepaid, 25c.

TRANSPLANTING HOE
No. 190—For transplanting long stem tomatoes and other plants. Postpaid, \$1.00.



Transplanting Hoe
No. 190

TRANSPLANTING TROWEL No. 191—One-piece high grade steel; for transplanting small plants. Postpaid, 35c.



Garden Dibble

GARDEN DRIBBLE No. 192
Indispensable for setting out all sorts of plants. Postpaid, 50c.



No. 191
Trowel

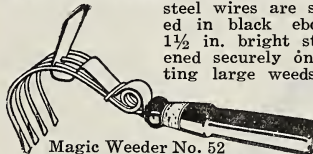
MAGIC WEEDER HOE No. 57—A most excellent and popular tool. The four tines are made of the heaviest steel wire; the steel blade is securely fastened and convenient for pulling.



Magic Weeder Hoe No. 57

verizing tough soil around roots of plants or for cutting roots. The handle is 4 ft. long. Not Prepaid, \$1.25.

MAGIC WEEDER No. 52—Four bright heavy steel wires are securely mounted in black ebonized handle; 1½ in. bright steel blade fastened securely on back for cutting large weeds, etc. Length handle 6 inches. It is famous the world over for its usefulness. Postpaid, 50c. Not Prepaid, 45c.

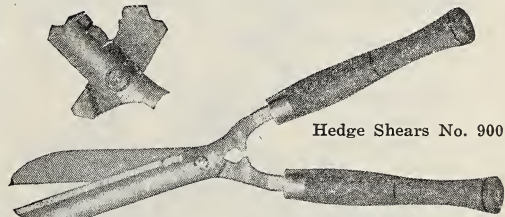


Magic Weeder No. 52



Norcross Cultivator Hoe and Weeder

NORCROSS CULTIVATOR HOE AND WEEDER—Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled. The sharp steel prongs are detachable, finely finished, and of great durability. Three sizes and prices. Five prong, 4 ft. handle, Not Prepaid, \$1.00; three prong, 4 ft. handle, Not Prepaid, 75c; Weeder, small, Postpaid, 50c.



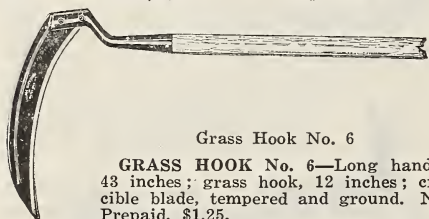
Hedge Shears No. 900

No. 900—Forged crucible steel notched, hammer finish; hardwood handles; blade 9 inches. Postpaid, \$2.75. Not Prepaid, \$2.50.

Orchard, Lawn And Garden Tools—Continued

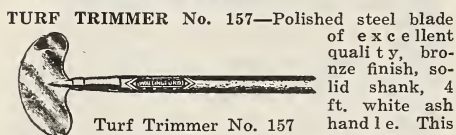


GRASS SHEARS No. 158—Straight blades, shanks and spring, stamped and forged from one piece of steel; shanks and cutting edges are polished. Postpaid, \$1.00. Not Prepaid, 90c.

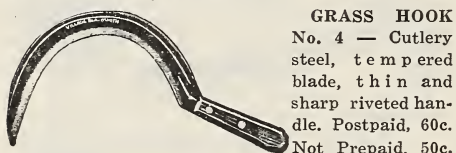


Grass Hook No. 6

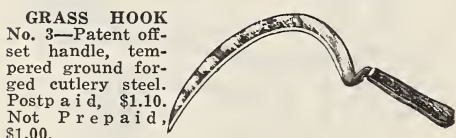
GRASS HOOK No. 6—Long handle, 43 inches; grass hook, 12 inches; crucible blade, tempered and ground. Not Prepaid, \$1.25.



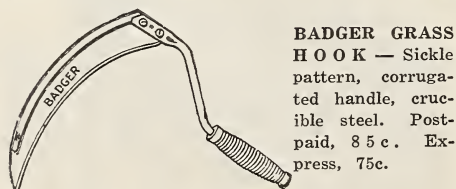
TURF TRIMMER No. 157—Polished steel blade of excellent quality, bronze finish, solid shank, 4 ft. white ash handle. This tool trims smoothly all sods of banks and is a great labor-saver. Price, \$1.35.



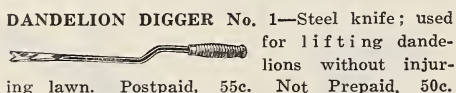
GRASS HOOK No. 4—Cutlery steel, tempered blade, thin and sharp riveted handle. Postpaid, 60c. Not Prepaid, 50c.



GRASS HOOK No. 3—Patent offset handle, tempered ground forged cutlery steel. Postpaid, \$1.10. Not Prepaid, \$1.00.



BADGER GRASS HOOK—Sickle pattern, corrugated handle, crucible steel. Postpaid, 85c. Express, 75c.



DANDELION DIGGER No. 1—Steel knife; used for lifting dandelions without injuring lawn. Postpaid, 55c. Not Prepaid, 50c.

WATERING POTS

Galvanized
Not Prepaid

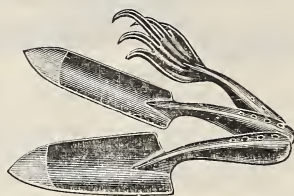
10 qt. -----	\$1.75
8 qt. -----	1.50
6 qt. -----	1.25
4 qt. -----	1.00

Japanned

4 qt. -----	\$.70
-------------	--------



Three Piece Garden Set



Set No. 83

Set of Three Tools: One regular Trowel, one Transplanting Trowel, and one Weeder. All made of heavy pressed steel, handsomely finished. Price, per set, Prepaid, 85c; Not Prepaid, 75c. Any one tool, Prepaid, 30c; Not Prepaid, 25c.



Garden or Lawn Hose No. 169

GARDEN OR LAWN HOSE No. 169—Best offer of best quality hose; high grade cotton duck; red cover; withstands high pressure. It is an excellent hose for all general uses. Price, per ft., prepaid, 15c.

HOSE COUPLINGS No. 167—Postpaid, each, 35c.

GRASS CATCHER No. 151—A metal bottom catcher made of finest quality, extra heavy white duck with heavy galvanized wire frame and adjustable steel hooks; non-skid bottom prevents grass from slipping forward. Price, \$1.75.

LAWN SPRINKLER No. 163—Made entirely of sheet brass which does not corrode; hollow



ring with perforated top; light, strong and durable; throws a uniform and even spray over a surface of thirty to

forty feet. Postpaid, \$1.10. Not Prepaid, \$1.00.

LAWN SPRINKLER No. 164—Brass sheet iron, highly polished and lacquered. Top perforated for throwing continuous and even spray. A durable low-priced sprinkler. Postpaid, 60c. Not Prepaid, 50c.



BOSTON NOZZLE No. 168—Polished cast brass; throws solid stream, sprayer can be shut off entirely. Will fit couplings of both 1/2 and 3/4 in. hose. Postpaid, 85c. Not Prepaid, 75c.

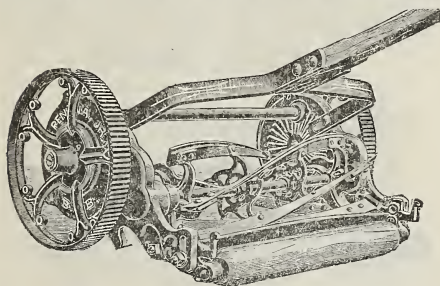


LAWN MOWERS



Pennsylvania Lawn Mowers are the result of over a third of a century of scientific study, combined with practical knowledge of many and varied conditions under which they may be used. It is known everywhere as the lawn mower of quality. Let this quality solve the ever perplexing troubles of a smooth running and even cutting machine.

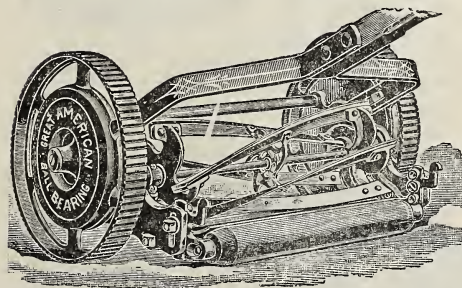
Pennsylvania Junior Ball Bearing



Blades: Five crucible tool steel, oil hardened and water tempered. Gears: A triple set on each side. Wheel Base. Extra long, cuts smoothly over uneven ground. Wheels 10 inches; open spokes. Bottom Knife: Raised edge of tempered, crucible tool steel. Height of Cut: $\frac{1}{4}$ to 1 5-16 inch. Will cut grass 6 inches high. Handle: Hardwood; iron braces on cross-bar.

The Pennsylvania Junior has all the good points that a high grade mower should have and some features that make it the most perfect grass cutter in the world. Its self-sharpening features alone will make it worth its cost to the user, as it will save this expense until the blades are worn out, in average use a dozen years or more. Price, 17 inch, \$28.50; 19 inch, \$32.50.

Great American Ball Bearing

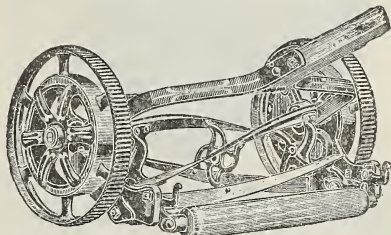


Blades: Five crucible tool steel, oil hardened and water tempered. Gears: Double; one in each drive wheel; cone and cups, hardened tool steel; extra large balls of highest quality. Wheels: 10 inches; solid center, protecting gears; six spokes. Parts: Malleable and cast, accurately machined to insure noiseless service. Bottom Knife: Self-sharpening; raised edge; crucible tool steel, insuring long service. Height of Cut: $\frac{1}{2}$ to $1\frac{1}{2}$

inches, will cut grass 6 inches high. Handle: Hardwood; iron braces on cross-bar.

The Great American Ball Bearing is the best all-around mower of its type in the world. The perfectly-fitting ball cups and cones insure an easy running machine. Price, 15 in. \$20.00; 17 in. \$22.50; 19 in. \$25.00.

Orchid Ball Bearing

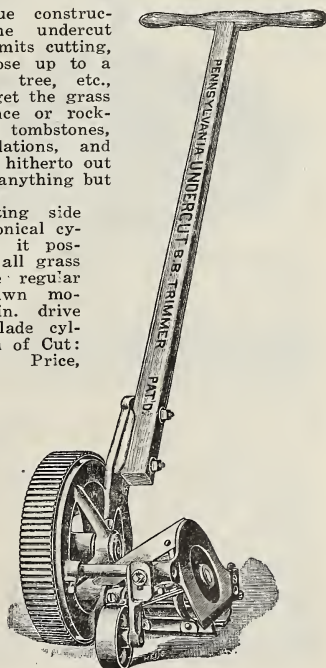


Blades: Four crucible tool steel, hardened and tempered. Gears: Internal, one in each wheel, covered by dust-proof cap. Bearings: Balls, cups and cones identical with those used on Pennsylvania Junior and our other high priced machines. Wheels: 10 in. diameter; open center or spider pattern; reinforced rims. Parts: Malleable and cast; machined to fit, insuring noiseless smooth cutting. Bottom Knife: Spring steel, hardened and tempered; the cast bar holding the knife is fitted to side plates, permitting accurate set screw adjustment. Height of Cut: $\frac{1}{2}$ to $1\frac{1}{2}$ inch; will cut grass 6 inches high. Handle: Hardwood. Price, 16 in. \$16.00 each.

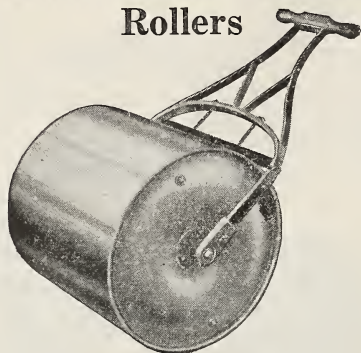
Pennsylvania Undercut B. B. Trimmer

The unique construction of the undercut trimmer permits cutting, not only close up to a wall, fence, tree, etc., but it will get the grass under a fence or rock-cut base of tombstones, house foundations, and other places hitherto out of reach of anything but hand shears.

The slanting side plate and conical cylinder make it possible to cut all grass left by the regular style of lawn mower; $9\frac{1}{2}$ in. drive wheel; 4 blade cylinder. Width of Cut: $5\frac{1}{2}$ inches. Price, \$12.00.



Water Ballast Lawn Rollers

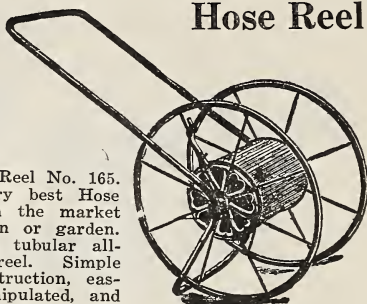


Buch Water Ballast Rollers have high carbon steel axles and roller bearings. The electrically welded steel drum may be filled with water or sand to increase the weight. It is the most satisfactory roller on the market. It is durable and strong; can be made any weight up to capacity of individual roller, and is easy and convenient to handle.

No. 601—\$18.50; Empty, 60 lbs.; Filled, 250 lbs.
No. 602—\$22.25; Empty, 75 lbs.; Filled, 330 lbs.
No. 603—\$25.75; Empty, 100 lbs.; Filled, 440 lbs.
No. 604—\$28.00; Empty, 115 lbs.; Filled, 590 lbs.

Filled with sand, weights are 400 lbs., 475 lbs., 630 lbs., and 850 lbs.

Hose Reel



Hose Reel No. 165. The very best Hose Reel on the market for lawn or garden. It is a tubular all-metal reel. Simple in construction, easily manipulated, and exceptionally durable. The corrugated iron drum is 9 inches in diameter; the wheels are 21½ inches in diameter; capacity, 100 ft. of hose. Do not wear the hose out dragging around on the ground. The reel keeps it clean and makes the best of care simple. Price, \$5.00.

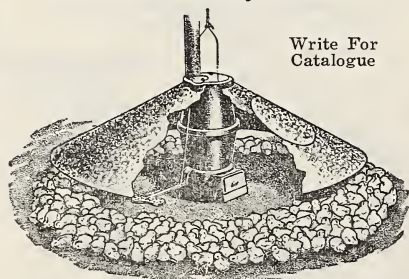
Lawn Sprinkler



Lawn Sprinkler No. 166. Cast iron stem and hose; brass arms and head; arms polished, stem enameled red. It revolves so easily that even low pressure keeps the marvelous spray falling softly like gentle rain on lawn or garden. Postpaid, \$3.25. Not Prepaid, \$3.00.

BUCKEYE BROODERS

Standard Colony Brooder



Write For
Catalogue

Coal Burner; grows three chicks where one grew before. Brooder that provides constant temperature, supply of pure, fresh air, plenty of exercise and no possible chance for crowding, every essential for the welfare of growing chicks, with such automatic regularity that all unfavorable conditions are eliminated. It requires little attention, is inexpensive to operate, and raises more chicks and stronger chicks than any other brooder.

No. 18, 500 chicks-----\$21.50
No. 19, 1,000 chicks-----26.50
No. 25, 1,200 chicks-----30.00

New Blue Flame Brooder

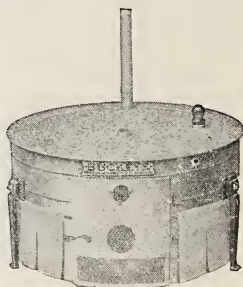
Sold under 30 days' money back guarantee. Burns oil and it is easy and convenient to operate. Gives at all times uniform heat. As there are no curtains on these brooders, there is always an abundant supply of pure air, which baby chicks need as much as heat.

BLUE FLAME

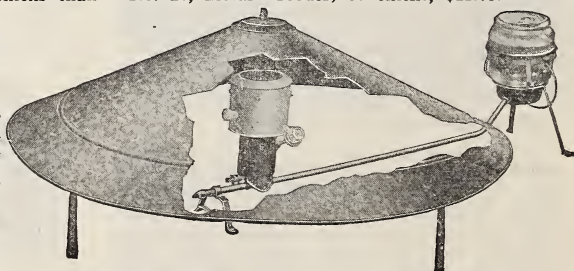
No. 27, 200 chicks-----\$17.50
No. 28, 350 chicks-----20.00
No. 29, 500 chicks-----22.50

Buckeye Portable Brooder

Oil burner; broods like coal burner; durable, inexpensive, no water, pure air. This excellent Brooder is especially constructed for the small raiser. It is made of the very best quality metal, inexpensive to operate, and gives



absolutely the most satisfactory results in every way. The operation is simple and effective, there being at all times an adequate supply of fresh air, the greatest virtue any brooder can have. No. 20, Metal Brooder, 60 chicks, \$11.75.

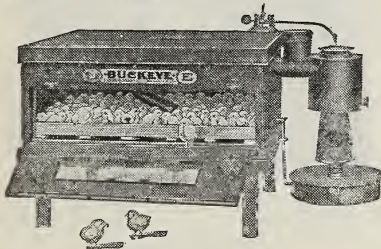


Buckeye Blue Flame "Colony" Brooders

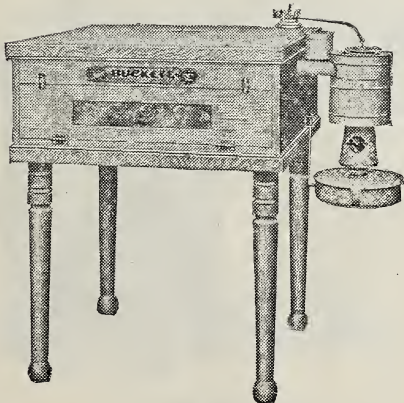
Buckeye Incubators—The Perfect Hatchers

The successful poultry breeder is the man or woman who has learned by experience, and when you find hundreds of such breeders using a certain article year after year, you must be convinced that they have found that article to be absolutely satisfactory or they would not be using it. And when the article in question happens to be an incubator, the machine on which they must depend for the production of all the chickens they raise, it is a foregone conclusion that they could not be successful unless the incubators they are using are producing the highest percentage of the highest grade chicks, the kind of chicks that enables them to perpetuate their stock and turn their product into profit.

Over 500,000 satisfied users represent the proof that we offer in support of Buckeye superiority—little breeders, big breeders, beginners, experts—breeders that include every class from boys and girls with a little 65-egg machine up to the tremendous poultry plants with capacities of 50,000 eggs and more, all uniting in the same verdict. Catalog of Incubators, Brooders, and Spare Parts, sent on request.



Style "E," No. 14



Style "E," No. 17

Prices Of Style "E" Incubators

No. 14, 65 egg capacity	\$16.50
No. 16, 110 egg capacity	27.50
No. 17, 210 egg capacity	36.75

Style "E" Incubators are low in price and at the same time give universal satisfaction. Hundreds of poultrymen in Western North Carolina are ready to vouch for this superior low-price incubator.

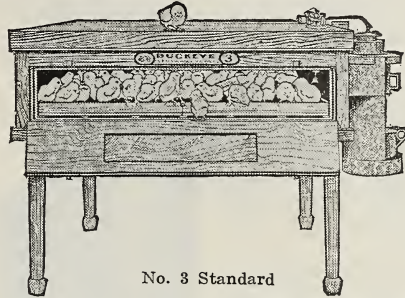
Incubator Thermometers

Price, postpaid \$1.25

Brooder Thermometers

Price, postpaid \$1.25

Buckeye Standard Incubators



No. 3 Standard

Buckeye "Standard" Incubators are equipped with every desirable device that could possibly add to the efficiency of an incubator. Only the best of materials are used and each machine is inspected by the National Board of Insurance Underwriters before they leave the factory. It requires no artificial moisture, will operate satisfactorily in any climate, and requires no attention to the regulator from the time a hatch is started until it is finished.

It is not necessary to have any previous experience to operate a Buckeye. The entire Buckeye system is so simple that a boy or girl can operate it as satisfactorily as an experienced operator. Buckeye Standard Incubators are equipped with every desirable device that can possibly be added to an incubator. The big breeders say that there is nothing left undone, nothing to be wished for, in the "Standard." Each machine carries Underwriter's Guarantee.

Prices Buckeye Standard Incubators

No. 1, 120 egg capacity	\$ 37.50
No. 2, 175 egg capacity	44.50
No. 3, 250 egg capacity	57.75
No. 4, 350 egg capacity	68.00
No. 5, 600 egg capacity	107.00

Buckeye Guarantee

Buckeye Incubators are guaranteed to hatch every hatchable egg, and we further guarantee the perfect working of all its mechanical parts. Should the incubator fail to fulfill our guarantee in any particular, it may be returned to us at our expense (via freight) any time within 40 days after its receipt, and we will send the purchaser a new incubator in exchange.

BUCKEYE INCUBATOR CO.

Smoke Pipe

No. 114—Smoke Pipe; diameter, 3 inches; black sheet iron, in 2 ft. lengths.

Price, per length 15c



Corrugated Elbows

No. 115—Corrugated Elbows; diameter, 3 inches; black. Price, each, 15c.



Chimney Collars For Brooder Stoves

No. 117—Chimney Collars; size, 6x3 inches. Price, each, 10c.



POULTRY SUPPLIES

Standard Feeders, Watering Fountains, Shell Boxes, etc., are indispensable to all poultry raisers. These appliances not only pay for themselves by saving a large percentage of the feed, but at the same time keep the feed and water free from dirt. This sanitary feature alone brings large returns by keeping the flock in healthy condition.

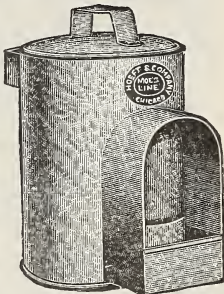
Moe's Improved Wall Fountains

Made of heavy galvanized iron, in 3 sizes. The covered outlet keeps out dust and dirt, and the outlet is further protected by a removable plate which prevents any floating rubbish from being drawn into the reservoir.

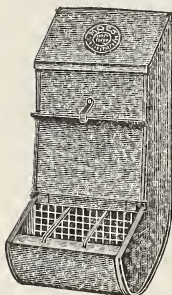
No. 97—2 qt. postpaid, \$1.00; express, 85c.

No. 98—1 gal. postpaid, \$1.15; express, \$1.00.

No. 99—2 gal. postpaid, \$1.50; express, \$1.35.



Dry Mash Hoppers



Dry Mash Hopper

No. 35, 8½ in. wide-----\$1.50; postpaid, \$1.80

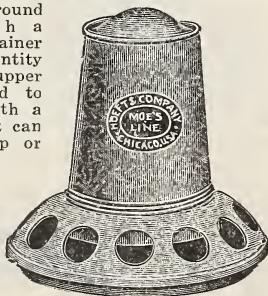
No. 36, 12 in. wide-----\$2.00; postpaid, \$2.30

No. 37, 24 in. wide-----\$2.80; postpaid, \$3.15

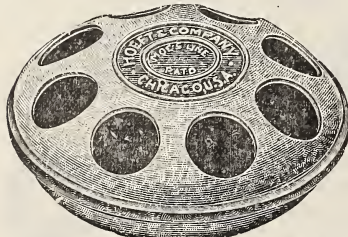
The curved bottom of the hopper keeps the feed within easy reach of the birds. The gradual enlargement from top to bottom prevents clogging. The wire grid and wires running from the flange through the wire grid prevents any chance of the fowls throwing out or wasting feed. The sloping cover prevents the birds from roosting on the hopper, and when both covers are closed, it is rat- and mouseproof. A trial will convince you that this is a feeder of superior merit. Galvanized iron.

Magazine Chick Feeder And Waterer

No. 18—A new round chick feeder with a magazine or container to hold a good quantity of feed. The upper magazine is fitted to the feeder top with a spiral thread so it can be adjusted up or down to feed the various kinds of grain. It can also be used as a drinking fountain as the magazine is water- and airtight. Each, 60c. Postpaid, 75c.



Chick Feeder



No. 11—Pure food for the baby chicks. A great feed-saver, as the little chicks cannot get into it and contaminate the feed.

Cannot be upset. Can also be used for water

and milk. It is practical, and made from first-quality galvanized iron.

No. 11, 6 in. diameter-----15c; postpaid, 25c

No. 12, 8¼ in. diameter-----25c; postpaid, 35c

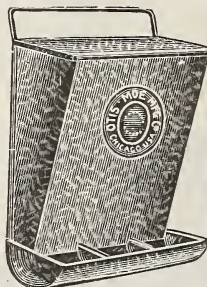
Moe's Grit And Shell Boxes

Grit, shell, and charcoal, are recognized an essential part of the diet, insuring healthy fowls. They cannot be more economically supplied than in our grit and shell boxes. Prices:

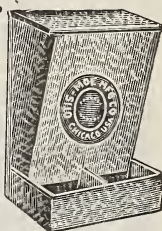
No. 90, 4 compartment-----\$1.25; postpaid, \$1.40

No. 9, 3 compartment----- .90; postpaid, 1.05

No. 45, 2 compartment----- .40; postpaid, .50



No. 9—Three Compartment



No. 45—Two Compartment

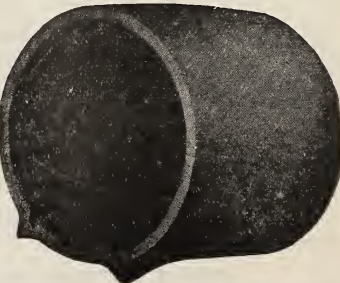
Sanitary Fount

No. 74 — This style is made with permanent bottoms. A strong, substantial wall fount at a low price. It is manufactured from galvanized iron. The capacity is 5 gallons. Price, \$1.95. Post paid, \$2.25.



Sanitary Stone Fount

These fountains are made of fine quality stoneware. They are sanitary, easily cleaned, and convenient to handle.



Price, No. 21, 1 gal. size, 85c; postpaid, \$1.00.

McCandlish Improved Chick Feeder

Equipped with adjustable partitions for various kinds of feed. Made of galvanized iron. No rough edges; cannot capsize. Revolving rod prevents chicks from perching upon it, making the feeder absolutely sanitary. Can be used for a drinking receptacle.



12 in. long-----40c ea. Postpaid 45c
20 in. long-----50c ea. Postpaid 60c
30 in. long-----75c ea. Postpaid 85c

Sanitary Feeding Troughs



Suitable for dry feed, wet mash, or water. For grown fowls. No sharp or rough edges to injure the chicks.

No. 21, 12 in. long-----40c; Postpaid, 50c
No. 22, 18 in. long-----60c; Postpaid, 70c

Single Feeding Troughs



Made of best quality galvanized iron, accurately stamped with dies. No sharp or rough edges to injure the chicks. Sliding top; easily cleaned. Can be hung on the wall.

No. 55, 12 in. long-----35c; Postpaid, 45c
No. 56, 18 in. long-----40c; Postpaid, 50c

Double Feeding Troughs



Made same as Single Feeding Troughs. With center partition. Can be used for two kinds of feed.

No. 58, 12 in. long-----45c; Postpaid, 55c
No. 59, 18 in. long-----60c; Postpaid, 70c

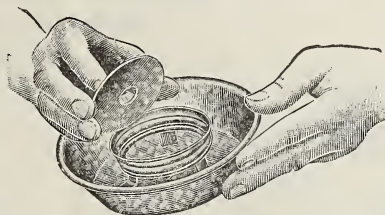
Aluminum Feeding Troughs



Buttermilk Feeding Troughs, made of pure aluminum, which is not affected by the acids of milk and similar feeds.

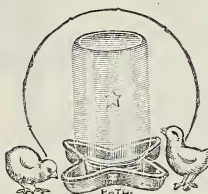
No. 69, 10 in. long-----50c; Postpaid, 60c

No. 10 Poultry Fount



No. 10—Galvanized ware; does not rust. Made to fit any Mason Jar. (We do not furnish the glass jars.) Price, each, 20c; postpaid, 25c ea.; 6 for \$1.35.

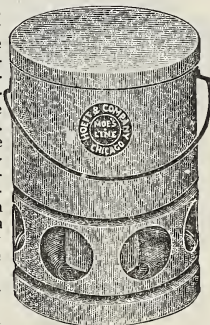
Star Fountain



Made to fit any Mason Jar. (We do not furnish the glass jars.) Made of a single piece of non-rusting metal. Price, 10c each; Postpaid, 15c each; 6 for 75c.

Pigeon Feeders

Pigeons are particular and fastidious feeders with a strong tendency to scatter and waste feed. Moe's Round Pigeon Feeder was especially designed to overcome this. Made of heavy galvanized iron with



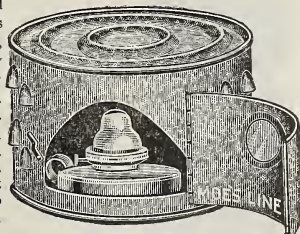
feeding holes properly spaced all around the hopper. The hopper has a slanting bottom leading through a large tube to the feeding bottom. This feeding trough or bottom is also made on a slant, causing the birds to reach for the food and prevents them from billing the feed out and wasting it.

No. 105, cap'y 3 qts-----\$1.00 ea. Postpaid \$1.15
No. 106, cap'y 6 qts-----\$1.50 ea. Postpaid \$1.75

Fountain Heater

Can be used with all styles of fountains, and effectively prevents water from freezing. Effectively solves the problem of a uniform supply of fresh, clear water at all times, no matter how cold the weather.

The lamp fount or bowl holds sufficient kerosene to burn for 7 days. Simple and safe. Nothing to get out of order. No. 10 Heater, \$1.80 each; Postpaid, \$2.00.



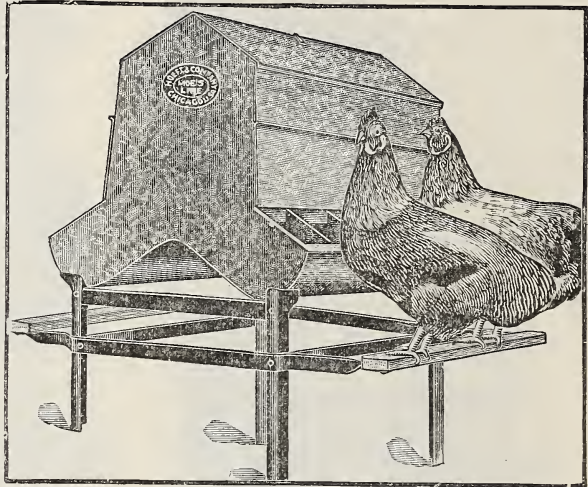
Poultry Supplies—Continued

Mammoth Dry Mash Hopper

A large capacity hopper built on correct principles. Made of heavy galvanized iron, strong and substantial in every detail. Has many excellent features; for instance, it will accommodate a full 100 lb. bag of mash, doing away with the annoyance and waste of having a partly empty bag of mash on the premises. The feed is within easy reach of the chickens, and is protected from the weather and from the ravages of rats and mice.

The taper shape and interior construction provides a uniform automatic feed, and the wire grid and cross wires prevents any waste. The stand is of heavy angle iron, painted, and has wooden bars for the poultry to rest on when feeding.

No. 3—Hopper and stand complete. Price, each, \$12.00.



Leader Adjustable Leg Bands



Made of bright nickel colored metal that will not corrode or rust. It requires no seal and is adjustable to the leg of any fowl. Numbers in large raised letters.

12 bands-----	15c	50 bands-----	45c
25 bands-----	25c	100 bands-----	90c

Adjustable Pigeon Bands

12 bands-----	15c	50 bands-----	45c
25 bands-----	25c	100 bands-----	90c

Celluloid Bands

In all colors, for poultry, baby chicks, pigeons. Doz. 20c; 25 for 45c; 100 for \$1.25.

Don Sung

Tablets for making hens lay; a tonic and conditioner; 50c and \$1.00.

Poultry Tablets

For White Diarrhea in chicks, \$1.00. Box for each hundred chicks for sixty days.

Oat Sprouter



Made entirely of metal; strong and rigid. Provides the very necessary green feed at all seasons. Healthy chickens and more eggs. The frame is of steel, well braced and neatly painted. Has six heavy galvanized iron pans. Five of the pans have perforated bottoms to secure the proper drainage, and the bottom pan is solid to hold the drippings. Pans are interchangeable. Sectional frame can be quickly taken apart and stored in a small place. Total height of

frame, 3 feet. Size of pans, 16 inches by 18 inches. No. 110, Oat Sprouter, each \$6.00.

Caponizing Tools

Write for booklet that will give information as how your market stock may be made to yield 100% more. It is done with Philadelphia caponizing tools.



Price, per set-----\$3.50

Poultry Markers

A reliable poultry punch for marking chicks in the web between the toes. Postpaid, 25c each.

Porcelain Or China Nest Eggs

Made of good quality glass, difficult to break, and will last a lifetime. Price, doz. 35c; Postpaid, 40c.

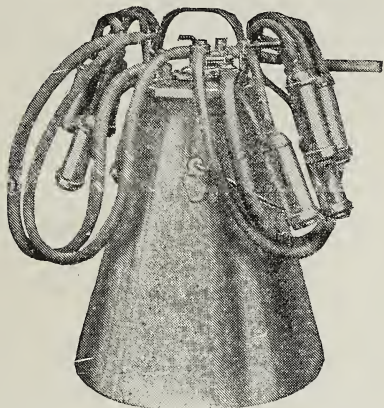
Path And Gutter Cleaner

Cannot Ship By Mail



Quart can, each-----75c

Empire Milking Machine

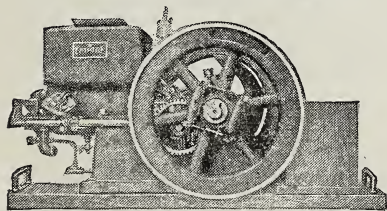


An Empire Double-Unit Milker

The most satisfactory machine on the market. This machine will pay for itself in 6 months in the amount of labor it saves. Write for catalog or call and arrange for a demonstration.



Empire Gasoline Engine



The most dependable engine on the market, as it has very few moving parts. Famous for its refusal to get out of order. Call and let us explain it to you, or write for catalog. We have in stock a complete line and can quote very low prices for immediate delivery.

Cow Ease

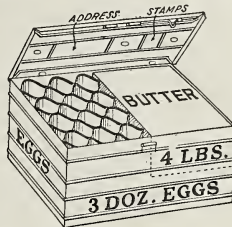
A light spray to prevent flies, gnats, mosquitoes. Protect your horses and cows. Prepaid, 1 qt. 50c; ½ gal. 85c; 1 gal. \$1.50.

Fumigating Candles

They are easy to light, easy to extinguish, and safe to use. The vapor is deadly to all infectious insect life. Prepaid, ea. 15c; doz. \$1.50.

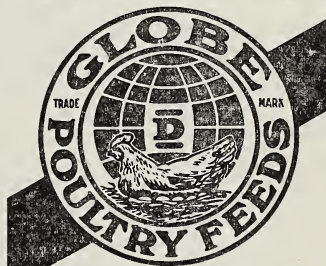
Ship Eggs By Parcel Post

The Aluminized Metal Egg Crate has proven itself, by its thousands of users, to be the only practical idea for shipping Eggs, Butter, and other farm products by Parcel Post. Four years on the market and over a half million sold is sufficient indorsement, when we tell you the early model



Crates are in use today. The cost of living can be greatly reduced by having Eggs, Butter and other costly produce shipped in Combination Crates direct from the farmer. Write for folder showing various sizes and prices.

DICKINSON'S



Join The Glop Club

Write For Information

Raffia

Natural only. Raffia is used for many purposes, chiefly for basketmaking and tying vegetables, etc. Price, lb. 25c; 5 lbs. \$1.00.

Baby Chicks

We have made arrangements to handle Baby Chicks from the Asheville Hatchery. These Baby Chicks are raised from strong, sturdy stock, from carefully culled flocks.

The Asheville Hatchery begins culling and selecting breeding stock in the middle of the summer of the year preceding that in which the chicks are to be hatched. The flocks are watched carefully and any birds which show lack of vigor or of breed characteristics are removed. With this kind of management, eggs are secured that will hatch strong, vigorous chicks, chicks that anyone can raise if they will follow directions carefully.

The following breeds can be had: S. C. White Leghorns, Barred Plymouth Rocks, White Plymouth Rocks, S. C. Anconas, S. C. Rhode Island Reds, Buff Orpingtons. Write for prices and folder.

MAKE POULTRY PAY A PROFIT

Success in the Poultry Business depends to a great extent on buying the best feeds, using the proper remedies the minute disease appears in the flock, keeping the house and nests free of vermin. Poultry raising has become a real business and must be conducted as such.

We sell a general line of Globe Feeds, manufactured by the Albert Dickinson Company, Chicago, Ill. Globe Feeds are first class in every particular, and are maintained at a uniform high standard of excellence. There are many

cheaper feeds, but cheap feeds are always expensive in the long run. Send us your name and we will enroll you as a member of the Globe Poultry Club.

There is no charge of any kind connected with a membership, but members receive valuable bulletins and information of all kinds free of charge. The prices of all grain feeds fluctuate constantly, hence it is not possible to list prices in this catalog. Prices will be submitted on application.

GLOBE SCRATCH FEED—An evenly balanced ration mixed from sound, clean and bright grains. Feed with Globe Egg Mash for maximum production at the minimum cost.

GLOBE EGG MASH—Formulated from meat scraps, linseed oil, meal, bran, corn meal, middlings, and alfalfa meal. It contains the essential digestible protein so necessary for egg production.

GLOBE DEVELOPING GRAIN—To be fed in connection with Growing Mash. Made of bright, clean grain, which can be fed to growing chicks with practically no waste.

GLOBE GROWING MASH—Made especially for young chicks to be fed in the growing stage.

GLOBE BABY CHICK GRAIN—This balanced and finely crushed grain should be fed to baby chicks along with buttermilk feeds to obtain the best results. The chick will grow better and mature earlier, since the combination of the grain and buttermilk feeds build tissue, bone and body. Globe Baby Chick Mash with Dried Buttermilk is a fine starting food for Baby Chicks. Write for Folder explaining how to feed and raise Baby Chicks.

GLOBE PIGEON FEED—Best for every breed. Made from wheat, buckwheat, kafir corn, peas, millet, and hemp.

BEEF SCRAPS—Very high in protein and an essential egg producer and muscle builder. Needed especially in the winter.

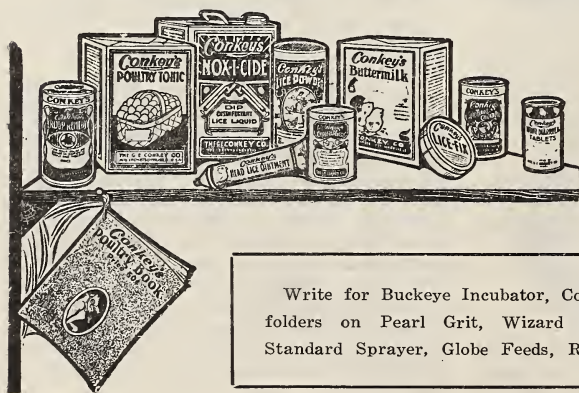
PEARL GRIT—A necessity for both young and old stock. Don't expect your birds to grind their food with oyster shells. Write for folder. Price, of coarse or fine: Postpaid, 5 lbs. 25c; 10 lbs. 45c; 25 lbs. \$1.05. Not Prepaid, per lb. 3c; per 100 lbs. \$2.00.

CHARCOAL—Aids digestion; purifies the blood, and generally promotes the good health and vigor of your birds. Price, of coarse or fine: Postpaid, per lb. 13c; per 25 lbs. \$2.05. Not Prepaid, per lb. 7c; per 50 lbs. \$2.50.

CRUSHED OYSTER SHELL—Should be kept available for fowls at all times; forms egg shells and keeps stock healthy. Price, of coarse or fine: Postpaid, 5 lbs. 25c; 10 lbs. 45c; 25 lbs. \$1.05. Not Prepaid, per lb. 3c; per 100 lbs. \$2.00.

CONKEY'S, THE ORIGINAL BUTTERMILK STARTING FEED, RAISES HUSKY CHICKS—A Ready Prepared Mash for baby chicks and all self-feeding young fowls. This remarkable feed—originated by Conkey and prepared through processes controlled and used exclusively by Conkey is a complete ration—containing all the elements needed for safely starting baby chicks, ducklings, goatlings, poults, guineas, pheasants, etc. Write for booklet.

Have A Conkey Corner In Your Poultry House



For more than 25 years Conkey has been The Poultry Doctor. Take his advice. Install a Conkey Corner of remedies in your poultry house as insurance against disease, trouble, loss, and disappointment. We sell Conkey's Poultry and Stock Remedies because we know they are reliable. Ask or write for valuable Conkey Poultry Book. There is no charge.

Write for Buckeye Incubator, Conkey's and other catalogs, also for folders on Pearl Grit, Wizard Brand Sheep Manure, Armstrong Standard Sprayer, Globe Feeds, Rat Poison, Carbola, etc.

PLEASE TEAR OUT ORDER SHEET WHERE PERFORATED

Don't Miss This Opportunity

TEN PER CENT EXTRA VALUE GIVEN ON
RETAIL ORDERS DURING FEBRUARY

To encourage you to order early we will give ten per cent extra value for all retail purchases of vegetable and flower seeds during February. For each dollar's worth of seed you order before the end of February you can select one extra 10c packet or two extra 5c packets of any variety.

If your order amounts to \$1.00, select one regular full size 10c packet or two 5c packets. If your order amounts to \$2.00, select packets to the amount of 20c extra, and so on in accordance with the amount of your purchase.

PLEASE NOTE THAT THIS APPLIES ONLY TO RETAIL ORDERS FOR VEGETABLE AND FLOWER SEEDS DURING FEBRUARY. WE CANNOT GIVE ANY EXTRA VALUE FOR FIELD SEEDS, POTATOES, BULBS, POULTRY SUPPLIES, ETC.

There was a partial crop failure on many varieties of Garden Seeds last year, and there will be a consequent shortage this season. Onion Sets especially are very scarce and we expect to be sold out early.

Order early and you will get ten per cent extra value. And if you place your order early, you will help us to give better service. We hope you will order NOW.

Assuring you of our best and prompt attention at all times, we are,

Very truly yours,

ASHEVILLE SEED COMPANY

ASHEVILLE

NORTH CAROLINA

FROM _____

POSTOFFICE _____

STATE _____

DO NOT
FAIL
TO
AFFIX
STAMP

ASHEVILLE SEED CO.

ASHEVILLE, N. C.

P. O. BOX 608

Very Miss This Opportunity

THE NEW YORK PUBLIC LIBRARY ASTOR LENOX TILDEN FOUNDATION

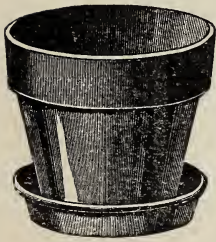
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STANDARD POTS AND SAUCERS



Full inside measurements, no charge for packing. We pack carefully, but do not assume any responsibility for breakage. Shipped by freight or express. Six at dozen rates, fifty at hundred rates.

FLOWER POTS

Size		Each	Doz.	Hundred
2½ inch	-----	\$.03	\$.30	\$2.00
3 inch	-----	.03½	.35	2.25
4 inch	-----	.05	.50	3.75
5 inch	-----	.08	.80	6.00
6 inch	-----	.12	1.25	9.00
7 inch	-----	.20	2.00	15.00
8 inch	-----	.25	2.75	21.50
9 inch	-----	.40	4.50	32.60
10 inch	-----	.50	5.50	44.65
12 inch	-----	.90	9.50	---
14 inch	-----	1.35	15.50	---
16 inch	-----	3.00	---	---

FLOWER POT SAUCERS

Size		Each	Dozen
4 inch	-----	\$.04	\$.40
5 inch	-----	.05	.50
6 inch	-----	.06	.60
7 inch	-----	.08	.90
8 inch	-----	.12	1.10
9 inch	-----	.15	1.50
10 inch	-----	.20	2.10
12 inch	-----	.25	2.65
14 inch	-----	.35	---
16 inch	-----	.60	---

NEPONSET WATERPROOF PAPER FLOWER POTS

2½ Inch	
Per Dozen	\$.15
Per Hundred	.85
Per Thousand	7.50
3 Inch	
Per Dozen	\$.20
Per Hundred	1.00
Per Thousand	8.50
4 Inch	
Per Dozen	\$.30
Per Hundred	2.00
Per Thousand	15.00



BULB BOWLS

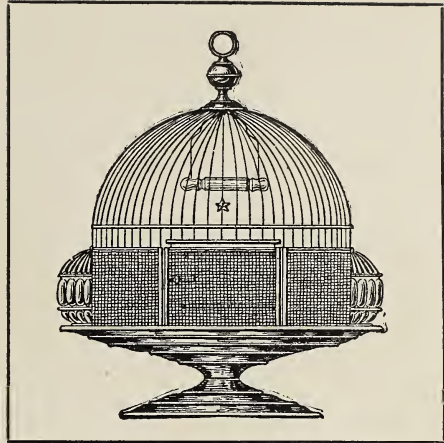


These Bowls are inexpensive, but quite artistic. Used for growing Paper White Narcissus, Grand So-

liel d'Or and Chinese Sacred Lilies in water and pebbles.

4 inch (for 3 bulbs)	-----	each 20c
6 inch (for 5 bulbs)	-----	each 35c
8 inch (for 7 bulbs)	-----	each 55c

Add 15c if to be sent parcel post at purchaser's risk. We also carry a line of Jardineers, Hanging Pots, Fern and Bulb Pans, Azalea Pots, Cut Flower and Cemetery Vases. Write for prices and description.



BIRD CAGES

The Cage illustrated above comes in brass and white enamel and both in three sizes. They are all splendid values. The larger sizes look better and are more satisfactory, as they give the bird more room, but any of them are sure to please.

BRASS

No. 2525, 10¼ in. diameter	-----	\$5.00
No. 2526, 11 in. diameter	-----	5.50
No. 2527, 11¾ in. diameter	-----	6.00

WHITE ENAMELED

No. 2225, 10¼ in. diameter	-----	\$4.50
No. 2226, 11 in. diameter	-----	5.00
No. 2227, 11¾ in. diameter	-----	5.50

Other Cages priced from \$1.75 to \$12.00, but the styles illustrated above are our leaders.

BIRDS

We carry around Christmas time Imported Hartz Mountain Canaries and St. Andreasburg Rollers, Paroquets, Parrots, etc. Write for prices. We also keep in touch with breeders of Domestic Canaries and we are always glad to bring prospective buyers and sellers in touch with one another. Write us what you want to buy or sell.

BIRD SUPPLIES POSTPAID

Philadelphia Bird Seed, pkt.	-----	25c
Mixed Bird Seed, bulk, lb.	-----	20c
Bird Manna, pkt.	-----	15c
Bird Bitters, pkt.	-----	30c
Cuttle Fish Bone and Holder	-----	5c
Silver or Red Bird Gravel, pkt.	-----	20c
Bird Mite Powder, pkt.	-----	25c

GOLD FISH AND SUPPLIES

We carry a large stock of Gold Fish for delivery from September to April each year. The prices of these Fish range from 10 cents to 75 cents each. If Fish are to be shipped by express, add to price of Fish wanted 10 cents extra for bucket, holding six Fish; 15 cents for bucket holding twelve Fish. We also have for delivery, at all times, the following:

Fish Bowls from	-----	25c to \$3.50
Aquariums	-----	\$3.00 to \$10.00
Fish Food, wafer, pkt.	-----	12c
Castles	-----	15c to \$1.00

SEEDS-PLANTS BULBS

SWEET PEAS
SUPERB SPENCER
MIXTURE



ASTER
PINK
COMET

PANSY
GIANT FLOWERED

ASHEVILLE SEED COMPANY

ASHEVILLE, NORTH CAROLINA
WE SELL EVERYTHING THAT IS PLANTED